

## Here's What You Can Do

### Having Fun Playing the Piano

#### 🎵 **Playing Various Tones**

page 9

In addition to grand piano tones for use in concerts, this instrument features a wide range of built-in instrument tones. Use these tones as you like according to the song you're playing and the mood. You can also play two tones layered together to discover your own favorite original combinations.

#### 🎵 **Listening to and Practicing with the Built-in Songs**

page 13

This piano comes with built-in songs that are well-known in a variety of genres from classical to jazz, as well as songs for practicing and more. You can use these built-in songs as examples when you practice. A built-in metronome is also available to help develop your sense of rhythm when you play.

#### 🎵 **Recording Your Performance**

page 15

You can record your own keyboard performance, and then play it back to hear how you did. By listening back to what you played on the spot, you can improve what you did for the next time, or copy your performance to a USB flash drive as a song.

### Adjusting the Piano

#### 🎵 **Changing the playing feel (key touch)**

page 11

You can adjust the how the keyboard feels (the key touch) when you play, according to your tastes.

#### 🎵 **Making the pitch match other instruments**

page 18

When playing in an ensemble or similar situations, you can adjust the reference pitch of this piano to match its tuning with other instruments (master tuning).

#### 🎵 **Creating Your Own Piano Tone (Piano Designer)**

page 18

Adjusts the different elements of the grand piano sound, letting you customize the piano sound as you like.

#### 🎵 **Registering your favorite settings (Registration)**

page 11

You can register your customized settings and then instantly switch between settings for each song or for different players.

### More Ways to Further Enjoy This Instrument

#### 🎵 **Playing music through the piano's speakers (Bluetooth® Audio)**

page 20

You can connect your smartphone or tablet to this instrument and listen to your favorite songs through the piano's speakers. This lets you "play along" with the performances of the musicians you admire.

#### 🎵 **Connecting to an app to enjoy various added features (via Bluetooth MIDI)**

page 21

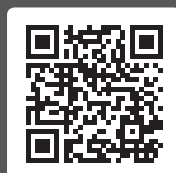
By connecting this piano to an app, you can select even more varied tones, discover new music via Roland Cloud, and use features such as digital sheet music to assist you when you practice... all of which lets you experience a new world of piano performance.

## Downloading the app

iOS/iPadOS

Android

Download the app for your smartphone or tablet for use with the piano.



This app lets you view sheet music in digital form, practice songs as if you were playing a game, or keep a record of your practicing.

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# Main Specifications

<b>Sound generator</b>	Piano Sound: Piano Reality Modeling Concert Sound Engine (compatible with Piano Reality Ambience)
<b>Keyboard</b>	Piano Reality Hybrid Concert Keyboard (88keys): with Escapement, Ebony/Ivory Feel, Dynamic Sensor Acceleration Technology and Haptic Key Vibration
<b>Bluetooth</b>	<b>Bluetooth</b> Ver 4.2 Supported profiles: A2DP (Audio), GATT (MIDI over <b>Bluetooth</b> Low Energy) Supported codec: SBC (compatible with SCMS-T content protection)
<b>Power Supply</b>	AC Adaptor
<b>Power consumption</b>	33 W (When using the included AC adaptor) Approximate power consumption when playing the piano at medium volume: 23 W Power consumption when sound has not been played after power-on: 21 W
<b>Dimensions</b>	Top opened (with music rest) 1,445 (W) x 1,501 (D) x 1,787 (H) mm 56-15/16 (W) x 59-1/8 (D) x 70-3/8 (H) inches Top closed (with music rest): 1,440 (W) x 1,501 (D) x 999 (H) mm 56-3/4 (W) x 59-1/8 (D) x 39-3/8 (H) inches
<b>Weight</b>	169.0 kg/372 lbs 10 oz
<b>Accessories</b>	Owner's Manual, "Roland Piano Masterpieces", Leaflet "Leaflet Stand Assembly", Leaflet "USING THE UNIT SAFELY", Power cord, Maintenance set, Key cover, Caster cups, Headphone hook, Cord clamps

\* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

## Settings Saved Even If the Power Is Turned Off

This piano remembers the “settings that are saved automatically” even when the power is turned off and then on again. You can also configure your favorite settings (Registration), so that the instrument remembers the favorite settings you’ve saved. Other settings return to their default values when you turn the power off and on again.

### Settings that are saved automatically

This piano automatically saves the following settings. These settings are remembered even if the power is turned off.

Setting	Page
Speaker Volume	p. 8
Headphones Volume	p. 8
Bluetooth On/Off	p. 25
Bluetooth Volume	p. 25
Bluetooth ID	p. 25
Song Volume SMF	p. 25
Song Volume Audio	p. 25
Input Volume	p. 25
USB Audio Input Vol.	p. 25
SMF Play Mode	p. 26
Count-in Measure	p. 26
Reg. Pedal Shift	p. 27
Language	p. 27
Display Contrast	p. 27
Screen Saver	p. 27
Touch Click Volume	p. 27
Volume Limit	p. 27
Haptic Key Vibration	p. 27
Power Off by the Lid	p. 27
Speaker Auto Mute	p. 28
Auto Off	p. 28
Master Tuning	p. 18
Temperament	p. 18
Temperament Key	p. 18
Metronome Type	p. 12
Beat	p. 12
Metronome Downbeat	p. 12
Metronome Pattern	p. 12
Metronome Volume	p. 12
Metronome Tone	p. 12
Rhythm Pattern	p. 12

### Settings saved in Registration

Turn the “Registering Your Favorite Settings” (p. 11) setting on to save the following settings.

Setting	Page
Ambience Type	p. 9
Kbd Ambience	p. 9
Brilliance	p. 9
Keyboard Mode	p. 29
Kbd Transpose On/Off *	p. 11
Kbd Transpose	p. 11
Key Touch	p. 11
Hammer Response	p. 11
Whole - Tone/Split - Right Tone/Dual - Tone 1	p. 9, p. 10
Split - Left Tone	p. 9
Split - Point	p. 9
Split - Balance	p. 9
Split - Left Shift	p. 9
Split - Right Shift	p. 9
Dual - Tone 2	p. 10
Dual - Balance	p. 10
Dual - Tone1 Shift	p. 10
Dual - Tone2 Shift	p. 10
Twin Piano Mode	p. 29
Song Transpose	p. 25
Damper Pedal Part	p. 26
Center Pedal	p. 26
Left Pedal	p. 26
MIDI Transmit Ch.	p. 27
Rotary speed	p. 9

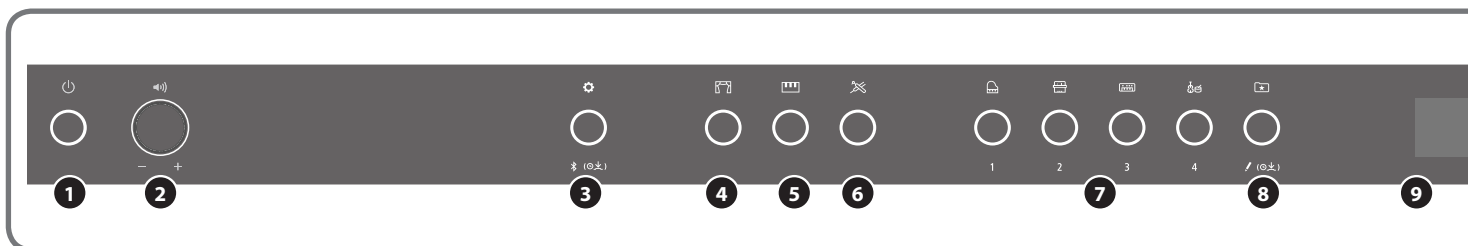
\* This memorizes whether the keyboard transposition has been set or not.

## Disabling the Buttons (Panel Lock)

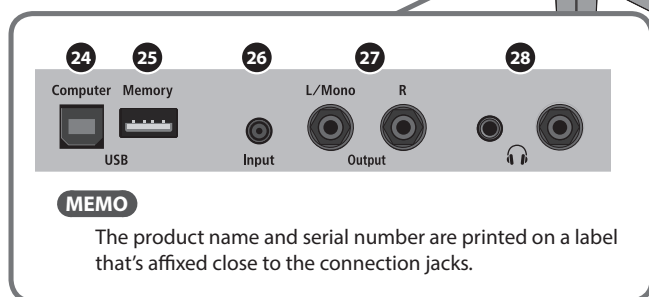
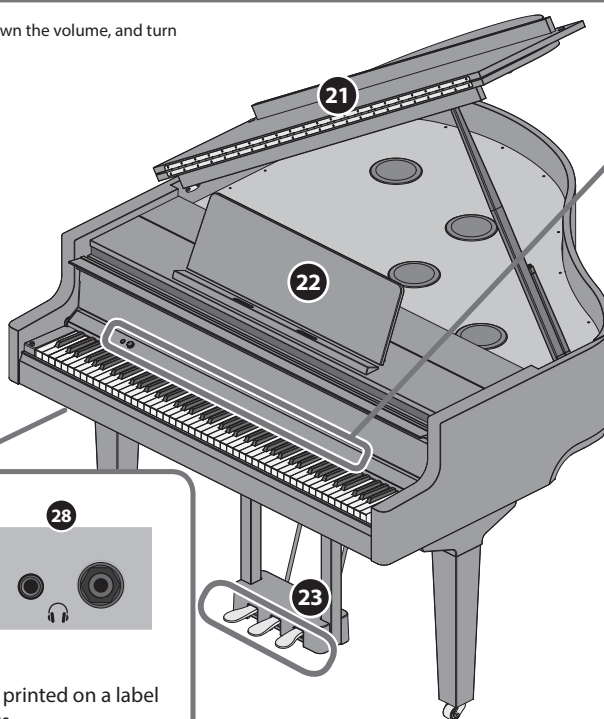
To prevent settings from being accidentally changed while you perform, you can disable all buttons other than the [⏏] button and the [🔊] knob.

Lock the panel	Hold down the [🔒] button until the screen shows the “🔒” symbol.
Unlock the panel	Hold down the [🔒] button until the “🔒” symbol disappears.

# Panel Descriptions



\* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.



## 1 [⏻] (Power) button

Turns the power on/off.  
You can open and close the keyboard cover to turn the piano on/off (p. 7).

## 2 [🔊] (Volume) knob

Adjusts the volume of the entire piano.  
This adjusts the volume for playing the piano or playing back the songs.  
If headphones are connected, it adjusts the volume of the headphones (p. 8).

## 3 [⚙️] (Function) button

Lets you access function mode, where you can change various settings (p. 25).

## 4 [🏠] (Ambience) button

Adds reverberation that makes it sound like you're playing in a spacious place like a concert hall or a cathedral. Change the type of reverberation to simulate the sound of playing the piano in different places (p. 9).

\* You can apply different types of reverberation effects only to the tones in the Grand group.

## 5 [🎹] (Keyboard Mode) button

Use this to access Keyboard mode, where you can change various keyboard settings (p. 29).

## 6 [🎛️] (Piano Designer) button

Adjusts various elements of the piano's sound, allowing you to customize the sound to your preference (p. 18).

## 7 [🏠] (Grand) [🏡] (Upright / Classical) [🎹] (E.Piano / Organ) [🎷] (Other) buttons

Select the sound that's played by the keyboard (p. 9).  
Press the [📄] (Registration) button to switch these to the [1] [2] [3] [4] buttons.

## 8 [📄] (Registration) button

Use this button to select and register the Registration settings (p. 11).

## 9 Display

This shows information such as the tone name, song name, tempo, and time signature.

## 10 [-] [+] (selection) button

Changes the item or value shown onscreen (p. 8).

## 11 [↩️] (Exit) button

Returns to the previous screen, or exits the current screen (p. 8).

## 12 [📄] (Enter) button

Confirms an item or value shown in the screen (p. 8).

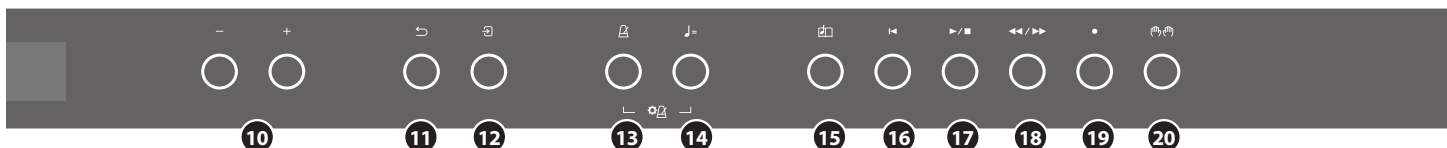
## 13 [🎵] (Metronome) button

Turns the metronome on/off (p. 12).

## 14 [🎵] (Tempo) button

Changes the tempo of the metronome or song.

- Changing the metronome tempo (p. 12)
- Changing the song tempo (p. 13)

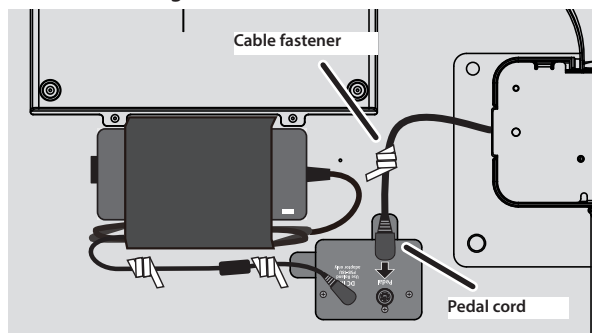


- 15 [Song] button**  
Selects the built-in song or recorded performance that will be played back (p. 13).
- 16 [Cue up] button**  
Selects the beginning of the song (p. 13, p. 15).
- 17 [Play/Stop] button**  
Plays/stops the song playback, or start/stops recording (p. 13, p. 15).
- 18 [Measure] button**  
Moves the playback position forward or backward to a desired measure in the song (p. 13, p. 15).
- 19 [Recording] button**  
Records the performance that you play (p. 15).
- 20 [part] button**  
Lets you select the performance part (right-hand, left-hand, accompaniment) that will play back. This also lets you record parts separately (p. 13, p. 16).
- 21 Top lid**  
The top lid can be opened. Opening the top lid allows the sound to be more clearly defined; closing it produces a softer sound (p. 6).
- 22 Music Rest**  
Place printed music here (p. 6).
- 23 Pedal**  
By pressing the pedals, you can apply effects to the sound of the piano.  
You can also assign a variety of functions to the pedals.
  - Apply effects to the sound of the piano (p. 8)
  - Assign functions to the pedals (p. 26, p. 27)
- 24 USB Computer port**  
Here you can connect your computer via a USB cable (sold separately). If your computer is connected, performance data can be transferred between the piano and sequencer software (sold separately) on your computer, allowing you to produce or edit music.
- 25 USB Memory port**  
Here you can connect a USB flash drive. You can use it to record your piano performance as audio, or use the piano to play back music data (WAVE files, MIDI files, MP3 files) from the USB flash drive (p. 14, p. 17).
- 26 Input jack**  
Here you can connect a stereo mini-plug cable (commercially available) for connecting your audio player. The sound that's played back from your audio player can be heard from the piano's speakers. You can also play the piano along with the playback audio.

- 27 Output jacks (L/Mono, R)**  
Here you can connect external speakers via cables that are equipped with mono 1/4" plugs (commercially available). This is useful when you want to connect to external audio equipment and play in front of many people.
- 28 Phones jacks**  
Here you can connect stereo headphones. This piano has two headphone jacks, so two people can use headphones at the same time (p. 8).

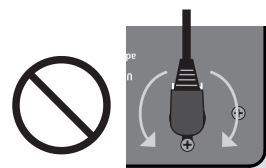
Connecting the pedal cord and the power cord

- 1. Connect the pedal cord to the Pedal jack, and fasten the pedal cord with the single cable fastener.**



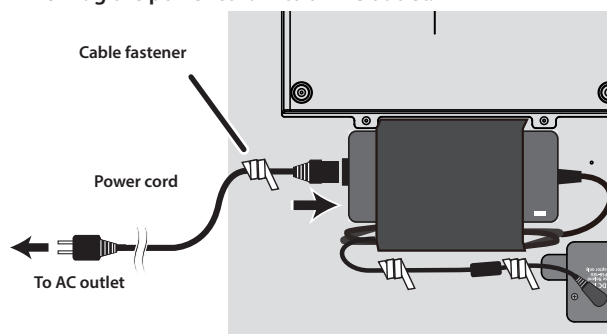
**NOTE**

The pedal cord plug may be damaged if you rotate it while the plug is only halfway inserted.  
**Check the illustration above to make sure that the plug faces correctly before you insert it.**



**Do not rotate while plug is inserted!**

- 2. Plug the power cord into an AC outlet.**



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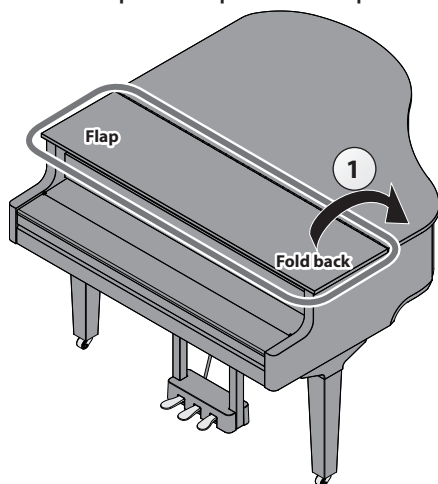
简体中文

# Before You Play

## Using the Music Rest

### Setting up the music rest

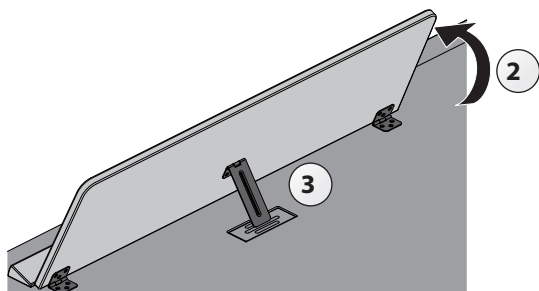
1. Fold the flap of the top lid back to open it.



2. Gently raise the music rest.

\* When raising the music rest, take care not to pinch your fingers between the moving part and the body of the unit. In places where small children are present, make sure that an adult provides supervision and guidance.

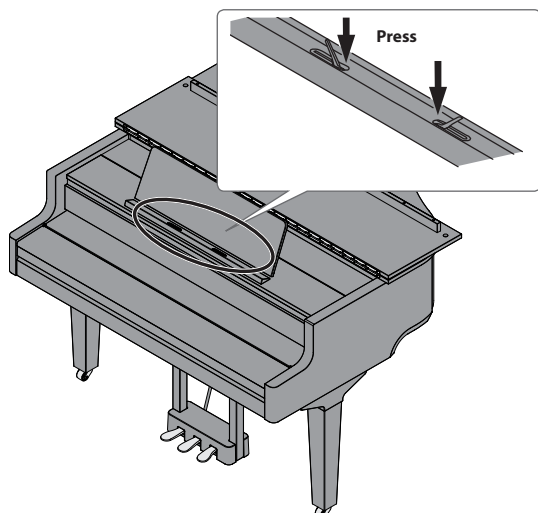
3. Fit the latch into one of the slots so that the music rest is at the desired angle.



### Using the page retainers

You can make the page retainers stand up, so that the pages of your sheet music stay flat.

If not using them, leave them folded down.

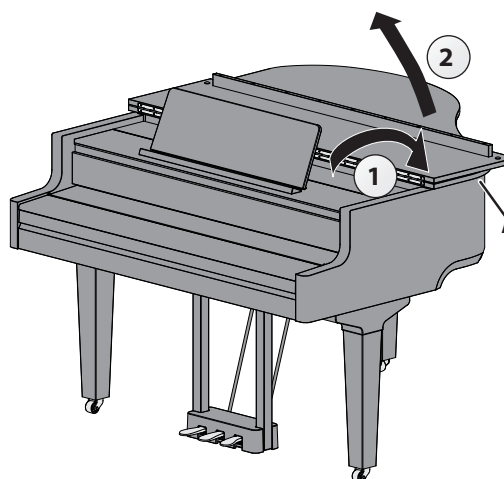


## Opening/Closing the Top Lid

### Opening the top lid

- \* The top lid must only be opened and closed by an adult.
- \* When opening or closing the top lid, take care not to pinch your fingers between the moving part and the body of the unit. Pay special attention to this when using the unit where children are present.

1. Fold the flap of the top lid back to open it.
2. Firmly grasp the right side of the top lid (position A on the treble side, as shown in the illustration) with both hands, and gently pull the top lid up.



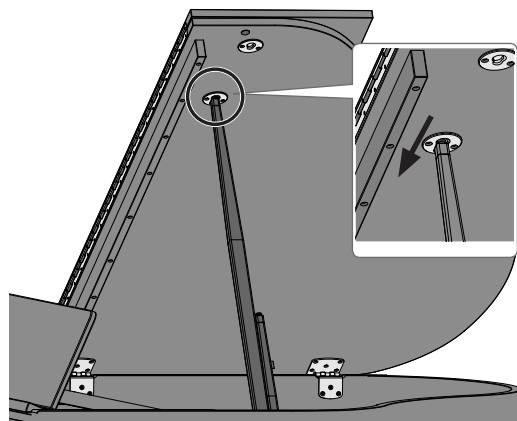
### NOTE

- Don't pull up on the flap—make sure to pull up on the top lid side.
- Do not open or close the top lid while the flap is closed.
- Be careful not to open the top lid up too much (the lid should be opened to around a 30° angle). If the top lid is opened up too much, this might damage the piano unit or cause the top lid to fall down. Also, make sure that nobody is in the way before opening the top lid.
- Do not move the piano with the top lid still open. Doing so might make the top stick come out of the holder, causing the top lid to slam shut.

3. Prop up the top stick and insert it into the holder while supporting the piano lid with your other hand.

\* When raising the lid stick, please be careful not to get your fingers pinched between the movable part and the panel. In places where small children are present, make sure that an adult provides supervision and guidance.

4. Move the tip of the top stick to lock it into place.

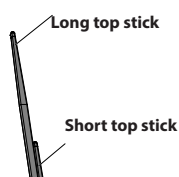


**NOTE**

- To prevent the top lid from falling down, make sure to lock the top stick in place into the holder. Don't take your hand off the top lid until the top stick is fully locked into the holder.
- Close the top lid when you are not using the piano.
- Follow these steps in reverse when closing the top lid.

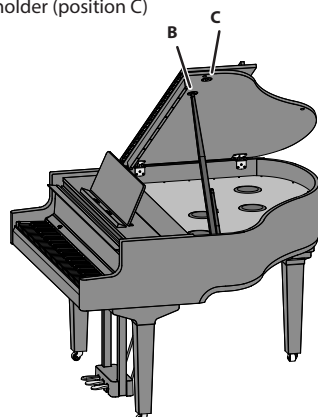
**About the top sticks and holders**

This piano features two top sticks with different lengths. Use the different sticks to change how much the top lid opens.



Use the correct holder for the stick length, as shown below.

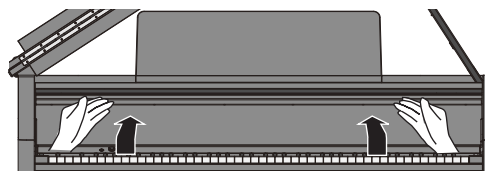
- Long top stick: use the inner holder (position B)
- Short top stick: use the outer holder (position C)



**Opening/Closing the Keyboard Cover (Turning the Power On/Off)**

Opening the keyboard cover (turning the power on)

1. Turn the volume of the devices connected to this instrument all the way down.
2. Open the keyboard cover.  
The power turns on automatically.  
When opening the keyboard cover, use both hands to lift it.



- \* You might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.
- \* After turning on the power, do not touch any of the touch switches on the operating panel until the instrument starts up. The touch switches might become unresponsive as a result.
- \* Do not use this instrument if there is condensation on the operating panel. This could cause the touch switches to malfunction.
- \* Press the [⏻] button when the keyboard cover is opened.

Closing the keyboard cover (turning off the power)

1. Turn the volume of the devices connected to this instrument all the way down.
2. Close the keyboard cover.  
The power turns off automatically.  
When closing the keyboard cover, use both hands to close it.  
\* When opening the top, take care not to pinch your fingers between the moving part and the body of the unit. In places where small children are present, make sure that an adult provides supervision and guidance.

**MEMO**

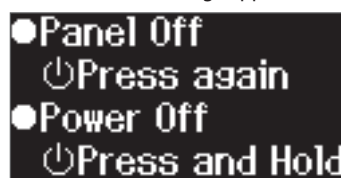
- You can also long-press the [⏻] button to turn off the power.
- When you disable the "Auto-Power Off When Keyboard Cover is Closed" (p. 27) setting in Function mode (p. 25), the power does not turn off when you close the keyboard cover.

**Turning the Operating Panel Lights On/Off**

When you want to focus on your playing, you can turn both the operating panel and the display off.

Turning off the operating panel

1. Press the [⏻] button.  
A confirmation message appears.



2. Press the [⏻] button once again.  
The operating panel and display turn off.

**MEMO**

- Only the [⏻] (Volume) knob and the [⏻] button can be used when the operating panel is off.
- \* You can also long-press the [⏻] button to turn off the power.

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## Before You Play

### Turning on the operating panel

1. While the operating panel and display are off, press the [⏻] button

The operating panel and display turn on.

### Adjusting the Overall Volume

Turn the [🔊] knob to adjust the volume. The speaker volume and headphone volume can be set separately. If headphones are connected, this automatically switches to adjusting the volume of the headphones.



Turn the [🔊] knob

Turning the knob toward the right increases the volume, and turning the knob to the left decreases the volume.

### Using the Headphones

Use headphones if you want to perform without the sound being heard nearby. This piano has two headphone jacks, so two people can use headphones at the same time.

#### MEMO

When you want to play a duet with someone else while listening to headphones, switch the piano to Twin Piano mode. This lets you play the piano as if it was two separate pianos.

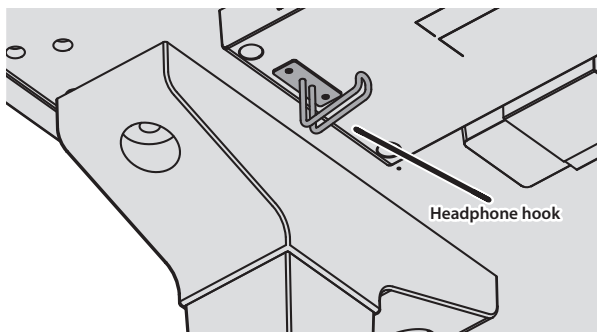
1. Connect your headphones to the headphone jack.

When you connect headphones, sound is no longer heard from the piano's speakers.

2. Use the [🔊] knob to adjust the volume of the headphones.

#### MEMO

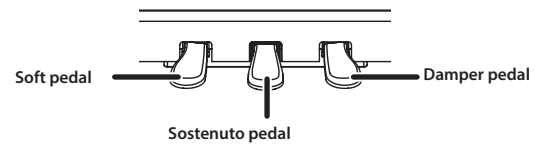
Whenever you are not using the headphones, you can hang them on the headphone hook.



Headphone hook

### Using the Pedals

By pressing the pedals, you can apply effects to the sound of the piano.



<b>Damper pedal (right)</b>	Use this pedal to sustain the sound. While this pedal is held down, notes will be sustained for an extended time even if you release your fingers from the keyboard. The resonance of the sound is affected by how deeply you press the pedal.
<b>Sostenuto pedal (center)</b>	The notes you are pressing when this pedal is depressed will be sustained.
<b>Soft pedal (left)</b>	This pedal is used to make the sound softer. Playing with the soft pedal depressed produces a sound that is not as strong as when otherwise played with the equivalent strength. The softness of the tone can be varied subtly by the depth to which you press the pedal.

- \* When operating the pedal, take care not to pinch your fingers between the moving part and the piano unit. In places where small children are present, make sure that an adult provides supervision and guidance.
- \* This piano is designed with a grand piano pedal arrangement. Note that this differs from the pedal operations and effects you can achieve on an upright piano.

### Basic Operations of Functions

Use the [-] [+] (selection) buttons, the [↵] (Enter) button and the [⏪] (Back) button.



Change an on-screen item or value	Press the [-] [+] buttons
Confirm	Press the [↵] button
Return to the previous screen / Exit the current screen	Press the [⏪] button
Return to the default value	Long-press the [↵] button

### Concerning the Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 28).

- \* When the power is turned off, any settings you were editing will be lost. You must save settings that you want to keep (p. 3).
- \* To restore power, turn the power on again.

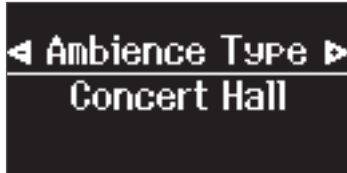


## Playing Various Tones

### Selecting the Type and Depth of Reverberation

This feature adds reverberation to the sound, as if you're playing in a spacious place like a concert hall or a cathedral. Change the "Ambience Type" to recreate the sound of playing the piano in different places.

1. Press the button.  
The Ambience screen appears.



2. Press the [-] [+] buttons to select what to set, either the "Ambience Type", "Kbd Ambience" or "Brilliance".
3. Press the button.
4. Press the [-] [+] buttons to select the type and value.

Ambience Type	Selects from various types of reverberation that are applied to the sound when you play the piano. Studio, Lounge, Concert Hall, Wooden Hall, Stone Hall, Cathedral
Kbd Ambience	Adjusts the depth of reverberation. Higher values produce deeper ambience; lower values produce shallower ambience. * The reverberation effect is not applied to audio files. 0-10
Brilliance	Higher values produce brighter sounds. -10-0-+10

5. To exit the settings, press the button.  
The button goes dark.

### Selecting a Tone

In addition to piano sounds, the piano lets you enjoy performing with many other sounds. There are four groups of tones; each tone button selects a group.

→ "Tone List" (p. 33)

#### Tone groups

Tone buttons	Explanation
Grand 	Lets you select one of the grand piano tones.
Upright / Classical 	Tones including cembalo (harpsichord), fortepiano and upright piano
E.Piano / Organ 	Tones including electric piano and organ * If you've selected an organ sound that provides a rotary effect which simulates the sound of rotating speakers, pressing the  button will switch the speed of the rotary effect
Other 	Various tones such as stringed instruments and drums

1. Press a tone button.  
The tone group is selected. The name of the currently selected tone is shown.



2. Press the [-] [+] buttons.  
You can select other tones in the tone group.



#### MEMO

The tone you previously selected is memorized for each tone button while the power is on. Select a tone for each tone button beforehand to instantly switch between tones.

### Playing Different Tones with the Left and Right Hand

You can perform using different tones in the left and right regions of the keyboard, divided at a specific note. This setting is called "Split Play", and the point at which the keyboard is divided is called the "split point".

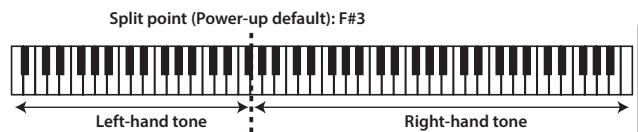
1. Press the button.
2. Press the [-] [+] buttons, select "Keyboard Mode" and then press the button.
3. Press the [-] [+] buttons to select "Split".
4. Press the button to exit Keyboard mode.

The split screen appears.



When you turn on the power, "Concert Piano" is selected as the right-hand tone and "A.Bass+Cymbal" is selected as the left-hand tone.

When split turns on, the keyboard settings are as follows.



5. To exit split play, press the button to enter Keyboard Mode, and set "Keyboard Mode" to "Whole".

### Changing the settings for Split Play

To edit the following settings, access the Split screen.

	Operation
Changing the left-hand tone (Split-Left Tone)	<ol style="list-style-type: none"> <li>1. Press the  button so that "-" "+" is shown in the lowest line of the screen.</li> <li>2. Press a tone button. The tone group is selected.</li> <li>3. Press the [-] [+] buttons to select a tone.</li> </ol>

## Performing

	Operation
Changing the right-hand tone (Split-Right Tone)	<ol style="list-style-type: none"> <li>1. Press the [⊞] button so that “-”+” is shown in the top line of the screen.</li> <li>2. Press a tone button. The tone group is selected.</li> <li>3. Press the [-] [+] buttons to select a tone.</li> </ol>
Changing the point at which tones are separated (Split-Point)	<ol style="list-style-type: none"> <li>1. Press the [□] button. This switches to Keyboard mode.</li> <li>2. Press the [⊞] button twice. The Split mode settings screen appears.</li> <li>3. Press the [-] [+] buttons to access the screen of the item you want to set.</li> <li>4. Press the [⊞] button so that “-”+” is shown in the bottom line of the screen.</li> <li>5. Press the [-] [+] buttons to select the value that you want to change.</li> </ol>
Changing the volume balance of the left-hand tone and right-hand tone (Split-Balance)	
Changing the octave of the left-hand tone and right-hand tone (Split-Left Shift / Split-Right Shift)	

### MEMO

With the split screen shown, hold down the [□] button and press a key to set the split point from the keyboard.

	Operation
Changing the volume balance of the two tones (Dual-Balance)	<ol style="list-style-type: none"> <li>1. Press the [□] button. This switches to Keyboard mode.</li> <li>2. Press the [⊞] button twice. The Dual mode settings screen appears.</li> <li>3. Press the [-] [+] buttons to access the screen of the item you want to set.</li> <li>4. Press the [⊞] button so that “-”+” is shown in the bottom line of the screen.</li> <li>5. Press the [-] [+] buttons to select the value that you want to change.</li> </ol>
Changing the octave of the two tones (Dual-Tone1 Shift / Dual-Tone2 Shift)	

### Instantly recalling the Grand Piano tone

Long-press the [⏏] button to cancel Split Play or Dual Play and recall the Grand Piano (Concert Piano) tone.

## Layering Two Tones

You can play two tones simultaneously from a single key. This function is called “Dual Play”.

1. Press the [□] button.
2. Press the [-] [+] buttons to select “Keyboard Mode” and press the [⊞] button.
3. Press the [-] [+] buttons to select “Dual”.
4. Press the [□] button to exit Keyboard mode.

The split screen appears.



When you turn on the power, “Concert Piano” is selected as the tone 1 and “SymphonicStr1” is selected as the tone 2.

5. To exit Dual Play, press the [□] button to enter Keyboard Mode, and set “Keyboard Mode” to “Whole”.

## Changing the settings for Dual Play

To edit the following settings, access the Dual screen.

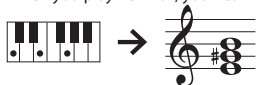
	Operation
Changing Tone 2 (Dual-Tone 2)	<ol style="list-style-type: none"> <li>1. Press the [⊞] button so that “-”+” is shown in the lowest line of the screen.</li> <li>2. Press a tone button. The tone group is selected.</li> <li>3. Press the [-] [+] buttons to select a tone.</li> </ol>
Changing Tone 1 (Dual-Tone 1)	<ol style="list-style-type: none"> <li>1. Press the [⊞] button so that “-”+” is shown in the top line of the screen.</li> <li>2. Press a tone button. The tone group is selected.</li> <li>3. Press the [-] [+] buttons to select a tone.</li> </ol>

## Playing in a Different Key (Transpose)

You can transpose the keyboard in semitone steps.

For instance, if you wanted to play a song in the key of C that was written in the key of E, set the keyboard transpose value to "4".

When you play "C-E-G", you hear "E G# B"



1. Press the [ ] button.
2. Press the [-] [+] buttons to select "Kbd Transpose".
3. Press the [ ] button.
4. Press the [-] [+] buttons to select a value.

Value	-6-0-5 (default value: 0)
-------	---------------------------

5. Press the [ ] button to exit Keyboard mode.

### Reading the note name (e.g., C4)

The alphabetical indication for settings such as "split point" shows the name of the note. The solfège equivalents are as follows: A is "la", B is "ti", C is "do", D is "re", E is "mi", F is "fa" and G is "so".

For example, the indication "C4" means "the fourth 'C' from the left edge of the keyboard".



## Change the Key Touch (Key Touch)

You can change the playing feel (touch) of the keyboard.

1. Press the [ ] button.
2. Press the [-] [+] buttons to select "Key Touch".
3. Press the [ ] button.
4. Press the [-] [+] buttons to select a value.

Value	Explanation
Fix, 1-100 (default value: 50)	The default value of 50 provides a key touch that is closest to that of an acoustic piano. Higher settings make the keyboard feel heavier. With the "Fix", notes sound at a fixed volume regardless of how strongly you play the keyboard.

5. Press the [ ] button to exit Keyboard mode.

## Adjusting the Time from When You Play the Key Until the Piano Is Heard (Hammer Response)

You can adjust the time from when you play the key until the piano sound is heard.

1. Press the [ ] button.
2. Press the [-] [+] buttons to select "Hammer Response".
3. Press the [ ] button.
4. Press the [-] [+] buttons to select a value.

Value	Explanation
Off, 1-10 (default value: 1)	Higher values produce a greater delay.

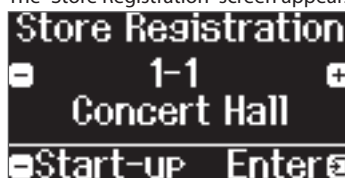
5. Press the [ ] button to exit Keyboard mode.

## Registering Your Favorite Settings

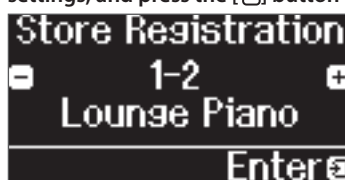
You can register the settings you've adjusted to the way you like, and then switch between settings for each song or for different players.

### Registering the current performance settings

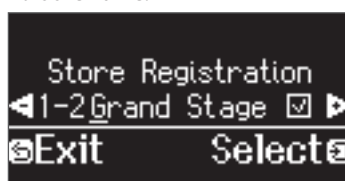
1. Long-press the [ ] button.  
The "Store Registration" screen appears.



2. Use the [1] [2] [3] [4] buttons and the [-] [+] buttons to select the registration number where you want to store the current settings, and press the [ ] button to execute.



3. Edit the name.



- a. Press the [-] [+] buttons to select the character to edit, and press the [ ] button to execute.

- b. Press the [-] [+] buttons to edit the character, and press the [ ] button to execute.

- To insert a character, press the [ ] button.
- To delete a character, press the [ ] button.

3. Using the steps for editing a character, press the [-] [+] buttons to select ✓ on the right side of the screen, and press the [ ] button to execute.



The Registration screen appears, and the settings you registered are shown.



### MEMO

When you select "Start-up", you can register these settings as the settings used right when the instrument is turned on.

## Performing

### Recalling Your Favorite Settings

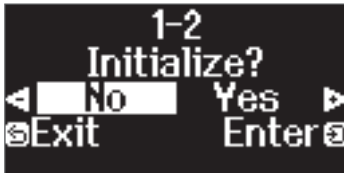
1. Press the [⌘] button.  
This selects the registration group. The name of the currently selected registration is shown.
2. Press the [1] [2] [3] [4] buttons.
3. Press the [-] [+] buttons.  
This selects the settings within the registration group.

### Initializing Your Favorite Settings

1. Press the [⌘] button to display the registration settings screen, and then press the [1] [2] [3] [4] buttons and the [-] [+] buttons to select the registration to initialize.



2. Long-press the [⏏] button.  
A confirmation message appears.



3. Press the [-] [+] buttons to select "Yes", and press the [⏏] button to execute.  
This initializes the selected registration.

## Practicing with the Metronome

You can practice while hearing a metronome.

### MEMO

Change the metronome type to a rhythm pattern if you want to play along with the rhythm.

1. Press the [⏏] button.  
The [⏏] button blinks, and the metronome sounds.

### MEMO

If a song is playing, the metronome sounds at the tempo and time signature of that song.

2. To change the tempo, press the [♩=] button and then press the [-] [+] buttons to select the desired tempo.

You can change the tempo by pressing the [♩=] button and then using the [⏏] button to select the word that describes the tempo.

3. To stop the metronome, press the [⏏] button once again.

The [⏏] button goes dark.

### MEMO

If you press both [-] [+] buttons at the same time at the tempo setting screen, the tempo returns to that of the currently selected song (The tempo is set to 108 when you turn on the power).

### Changing the settings for metronome

Change the following settings while the [⏏] button is on. The setting that you can edit change depending on the metronome type settings.

	Operation	
Common	Change the metronome type (Metronome Type)	<ol style="list-style-type: none"> <li>1. Press the [⏏] button and the [♩=] button at the same time so that "..." is shown in the top line of the screen.</li> <li>2. Press the [-] [+] buttons to access the screen of the item you want to set.</li> <li>3. Press the [⏏] button so that "..." is shown in the bottom line of the screen.</li> <li>4. Press the [-] [+] buttons to select the value that you want to change.</li> </ol>
When the Metronome Type is "Metronome"	Change the time signature (Beat)	
	Play the metronome without emphasizing the downbeat (Metronome Downbeat)	
	Change the metronome pattern (Metronome Pattern)	
	Change the metronome volume (Metronome Volume)	
When the metronome type is "Rhythm Pattern"	Change the metronome tone (Metronome Tone)	
	Change the rhythm pattern (Rhythm Pattern)	
When the metronome type is "Rhythm Pattern"	Change the rhythm volume (Metronome Volume)	
	Change the rhythm volume (Metronome Volume)	
Available time signatures	2/2, 3/2, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 8/8, 9/8, 12/8 (default value: 4/4)	

### MEMO

The metronome or rhythm plays 6/8 as 2/2, 9/8 as 3/4, and 12/8 as 4/4.

# Listening to Songs

## Playing Back a Song

Here's how you can listen to the built-in songs. You can listen to these internal songs as models for your own playing, or practice one hand at a time along with them.

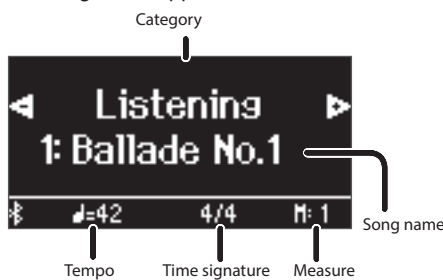
→ "Internal Song List" (p. 35)

### Category list

Category	Explanation
Listening	Piano songs recommended for listening
Ensemble (*)	Famous songs, mainly classical pieces. These include piano concertos, duets, and jazz arrangements of classical pieces. Since this collection contains songs that are challenging to play, they are recommended for those at intermediate level or above.
Entertainment (*)	Arrangements of well-known songs from around the world, including pop, jazz, and children's songs, in arrangements that can be enjoyed by a wide range of people from the beginner to the advanced player.
Do Re Mi Lesson (*)	Piano's internal song You can use these lessons to learn the basics of music, by singing solfège along with the songs or practicing score-reading.
Scales (*)	Scales in all keys (major scales, minor scales)
Hanon	The Virtuoso Pianist No.1-20
Beyer	Vorschule im Klavierspiel Op.101 No.1-106
Burgmüller	25 Études faciles et progressives Op.100
Czerny100	100 Übungsstücke Op.139
USB Memory	Songs saved on a USB flash drive
Internal Memory	Songs saved in internal memory

(\*) Songs corresponding to the included collection of scores, "Roland Piano Masterpieces".

1. Press the [🔍] button.  
The Song screen appears.



2. Press the [-] [+] buttons to select a song category.
3. Press the [🔍] button.
4. Press the [-] [+] buttons to select a song within a category.

### MEMO

If you decide to select a different song category, press the [↩] button.

5. Press the [▶/■] button.  
The songs plays back, with the [🔍] button blinking in time with the tempo.
6. To stop the song, press the [▶/■] button once again.  
The [▶/■] button goes dark.
7. To exit song settings, press the [🔍] button.  
The [🔍] button goes dark.

## Changing how songs play back

	Operation
Playing back individual performance parts	<p>The built-in songs consist of three parts (right-hand, left-hand, accompaniment), and you can play back just the part(s) that you want to hear.</p> <p>* Some songs don't have a left-hand part or an accompaniment part. In this case, you can't select the corresponding part.</p> <ol style="list-style-type: none"> <li>1. Press the [🎹] button.</li> <li>2. Press the [-] [+] buttons to select the part that you want to mute.</li> <li>3. Press the [🔇] button. The selected part is muted.</li> <li>4. Press the [▶/■] button. Only the selected part(s) song play back.</li> </ol>
Changing the song tempo	<ol style="list-style-type: none"> <li>1. Press the [♩=] button and then press the [-] [+] buttons.</li> </ol> <p><b>MEMO</b> Long-press the [-] [+] buttons to return to the default tempo value.</p>
Playing back the song at a constant tempo	<p>This is convenient when you want to practice along with the song playback.</p> <ol style="list-style-type: none"> <li>1. While holding down the [▶/■] buttons, press the [♩=] button. The message "Tempo Mute On" appears, and the song plays back at a fixed tempo. Press and hold down the [▶/■] button again, and then press the [♩=] button to return to the original tempo (the message "Tempo Mute Off" appears).</li> </ol>
Selecting the measure to play back	<ol style="list-style-type: none"> <li>1. Follow steps 1-4 in "Playing Back a Song" (p. 13).</li> <li>2. Press the [⏪/▶] button The measure screen appears.</li> <li>3. Press the [-] [+] buttons to select how many measures to play.</li> <li>4. Press the [▶/■] button. The song plays from the specified measure.</li> </ol> <p><b>MEMO</b></p> <ul style="list-style-type: none"> <li>• Press the [⏪] button to select the beginning of the song.</li> <li>• Press the [↩] button to return to the song select screen.</li> </ul>
Sounding a count before the song plays	<ol style="list-style-type: none"> <li>1. While holding down the [🔍] button, press the [▶/■] button. The metronome button blinks in time with the tempo.</li> </ol>
Playing all songs in the selected category	<ol style="list-style-type: none"> <li>1. While holding down the [🔍] button, press the [▶/■] button. The [▶/■] button blinks, and the songs in the selected category play back in order.</li> </ol>
Playing back in a different key	<ol style="list-style-type: none"> <li>1. Press the [🔑] button. The [🔑] button is lit, and the piano is in function mode.</li> <li>2. Press the [-] [+] buttons to access the "Song Transpose" screen.</li> <li>3. Press the [🔍] button.</li> <li>4. Press the [-] [+] buttons to select how far the pitch is to be transposed (the number of semitones).</li> <li>5. Press the [▶/■] button. The song playback is transposed.</li> </ol>

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简体中文

## Listening to Songs

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	Operation
Playing songs from a folder on a USB flash drive	<ol style="list-style-type: none"><li><b>1. Press the [⏏] button.</b></li><li><b>2. Press the [-] [+] buttons to display “USB Flash Drive”.</b></li><li><b>3. Press the [⏏] button.</b></li></ol> <p>Enter the folder</p> <ol style="list-style-type: none"><li><b>a. Press the [-] [+] buttons to select the desired folder.</b></li><li><b>b. Press the [⏏] knob to confirm.</b></li></ol> <p>Exit the folder</p> <ol style="list-style-type: none"><li><b>a. Press the [-] [+] buttons to select “Up”.</b></li><li><b>b. Press the [⏏] knob to confirm.</b></li></ol> <ol style="list-style-type: none"><li><b>4. Press the play/stop button. The songs on the USB flash drive begin playing back.</b></li></ol>

# Recording Your Performance

## Recording Your Keyboard Performance

You can record your own keyboard performance, and then play it back to hear how you did.

### Getting Ready to Record

1. Select the tone that you want to play.
2. You can sound the metronome if you like.  
Set the metronome's tempo and time signature. The metronome setting is stored in the song, and you can use the same settings during playback.
3. Press the [●] button.  
The [●] button lights, the [▶/■] button blinks, and the piano enters record-standby mode.  
If you decide to cancel recording, press the [●] button once again.

### Starting/Stopping Recording

4. Press the [▶/■] button.  
After a one-measure count, recording starts, and the [●] button and [▶/■] button are both lit. The performance is saved automatically.
- MEMO**  
You can also start recording by playing the keyboard instead of pressing the [▶/■] button. In this case, a count is not sounded.
5. To stop recording, press the [▶/■] button once again.  
Recording stops.

### Listening to the Recorded Performance

6. Press the [▶/■] button.  
After you record, the newly recorded song is selected.  
The recorded song starts playing back.

### Deleting a Saved Song

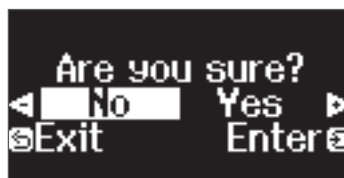
You can delete a song that you saved.

- MEMO**
- You can also delete a recorded song by holding down the [●] button and pressing the [↵] button.
  - If you want to delete all songs that have been saved to internal memory, initialize the memory ("Initializing the Memory (Format Media)" (p. 24)).

1. Press the [✳] button.  
The [✳] button is lit, and the piano is in function mode.
2. Press the [-] [+] buttons to access the "Delete Song" screen.
3. Press the [↵] knob to confirm.  
The Delete Song screen appears.



4. Press the [-] [+] buttons to select the media where the data is saved, and press the [↵] knob to confirm.
5. Press the [-] [+] buttons to select the song to delete, and press the [↵] knob to confirm.  
A confirmation message appears.



If you decide to cancel, press the [↵] button.

6. Press the [-] [+] buttons to select "Yes", and press the [↵] button to execute.

The deletion is executed.

- \* Never turn off the power or disconnect the USB flash drive while the screen indicates "Executing...".
- \* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the indicator of GP-9 shows that an operation is in progress.

### Managing songs you recorded

	Operation								
Renaming a recorded song	<p>You can rename a saved song.</p> <ol style="list-style-type: none"> <li>1. Press the [✳] button. The [✳] button is lit, and the piano is in function mode.</li> <li>2. Press the [-] [+] buttons to access the "Rename Song" screen, and press the [↵] button to confirm.</li> <li>3. Press the [-] [+] buttons to select the media that contains the song you want to rename, and press the [↵] button to confirm.</li> <li>4. Press the [-] [+] buttons to select the song that you want to rename, and press the [↵] button to confirm. <b>Rename the song.</b></li> </ol> <table border="1"> <tr> <td>Select the character which you want to change</td> <td>Press the [-] [+] buttons</td> </tr> <tr> <td>Change the character</td> <td>Press the [↵] button (confirm) → Press the [-] [+] buttons (edit character) → Press the [↵] button (back)</td> </tr> <tr> <td>Insert one character</td> <td>Press the [▶/■] button</td> </tr> <tr> <td>Delete one character</td> <td>Press the [●] button</td> </tr> </table> <ol style="list-style-type: none"> <li>6. Press the [-] [+] buttons to select ✓ on the right side of the screen, and press the [↵] button to execute. A confirmation message appears.</li> <li>7. Press the [-] [+] buttons to select "Yes", and press the [↵] button to execute. The song is renamed.</li> </ol> <ul style="list-style-type: none"> <li>* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the screen indicates "Executing...".</li> </ul> <li>8. Press the [✳] button. You exit function mode.</li>	Select the character which you want to change	Press the [-] [+] buttons	Change the character	Press the [↵] button (confirm) → Press the [-] [+] buttons (edit character) → Press the [↵] button (back)	Insert one character	Press the [▶/■] button	Delete one character	Press the [●] button
	Select the character which you want to change	Press the [-] [+] buttons							
Change the character	Press the [↵] button (confirm) → Press the [-] [+] buttons (edit character) → Press the [↵] button (back)								
Insert one character	Press the [▶/■] button								
Delete one character	Press the [●] button								
Copying a recorded song	<p>Songs that have been saved in internal memory can be copied to USB flash drive. Alternatively, songs stored on a USB flash drive can be copied to internal memory.</p> <ol style="list-style-type: none"> <li>1. Press the [✳] button. The [✳] button is lit, and the piano is in function mode.</li> <li>2. Press the [-] [+] buttons to access the "Copy Song" screen, and press the [↵] button to confirm.</li> <li>3. Press the [-] [+] buttons to select the copy source and destination media, and press the [↵] knob to confirm.</li> <li>4. Press the [-] [+] buttons to select the song that you want to copy. If you decide to cancel, press the [↵] button.</li> <li>5. Press the [↵] button. The copy is executed.</li> </ol> <ul style="list-style-type: none"> <li>* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the screen indicates "Executing...".</li> </ul> <li>6. Press the [✳] button. You exit function mode.</li>								

English

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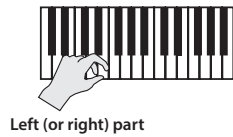
Nederlands

简体中文

## Advanced Recording Methods

### Recording Your Performance One Hand at a Time

By recording your left-hand performance to the Left part and your right-hand performance to the Right part, you can record each hand of your performance separately.



#### Getting ready to record

1. Select the tone that you want to play.
2. You can sound the metronome if you like.  
Set the metronome's tempo and time signature. The metronome setting is stored in the song, and you can use the same settings during playback.
3. Press the [●] button.  
The [●] button lights, the [▶/■] button blinks, and the piano enters record-standby mode.  
If you decide to cancel recording, press the [●] button once again.
4. Press the [🎹🎹] button, press the [-] [+] buttons to select the part that you don't want to record, and then press the [☑] button to make it dark.  
Only the part that you're recording will blink.

#### MEMO

If you don't select a part at this time, your performance is recorded to the following parts.

Performing with one tone	"Right" part
Playing different tones with the left and right hand (Split Play)	The left-hand tone is the "Left" part, and the right-hand tone is the "Right" part
Performing with two tones layered (Dual Play)	The tone 1 is the "Right" part, and the tone 2 is the "Accomp" part

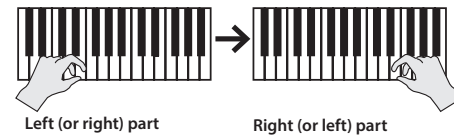
#### Starting/stopping recording

5. Press the [▶/■] button.  
After a one-measure count, recording starts, and the [●] button and [▶/■] button are both lit. The performance is saved automatically.
- MEMO**
- You can also start recording by playing the keyboard instead of pressing the [▶/■] button. In this case, a count is not sounded.
6. To stop recording, press the [▶/■] button once again.  
Recording stops.

### Overdubbing a Recorded Performance

After recording one hand of your performance, you can overdub-record the performance of the other hand.

You can also overdub-record onto a built-in song.



#### Getting ready to record

1. Press the [📁] button.  
The Song screen appears.
- MEMO**
- If the measure screen appears, press the [↶] button to return to the song-select screen.
2. Press the [-] [+] buttons to select the category of the song that you want to overdub, and press the [☑] button to confirm.
  3. Press the [-] [+] buttons to select the song that you want to overdub.  
You can select songs within the category.

#### MEMO

If you're recording your performance along with a built-in song, you can fix the tempo of the built-in song (p. 13).

4. Press the [●] button.  
The [●] button lights, the [▶/■] button blinks, and the piano enters record-standby mode.  
If you decide to cancel recording, press the [●] button once again.
5. Press the [-] [+] buttons to access the "Overdub" screen.  
The song of step 3 is selected.



6. Press the [🎹🎹] button. If a part that you don't want to record is blinking, press the [-] [+] buttons to select the part, and press the [☑] button to make it dark.  
Only the part that you're recording will blink.  
If you select a part that is already recorded (lit) and then press the [☑] button to make it blink, that part will be overwrite-recorded.

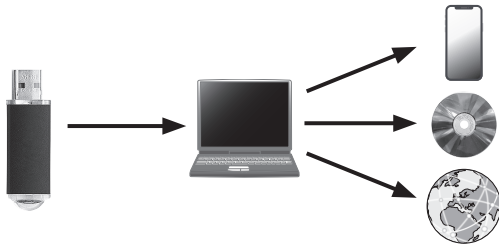
#### Starting/stopping recording

7. Press the [▶/■] button.  
After a one-measure count, recording starts, and the [●] button and [▶/■] button are both lit. The performance is saved automatically.
- MEMO**
- You can also start recording by playing the keyboard instead of pressing the [▶/■] button. In this case, a count is not sounded.
8. To stop recording, press the [▶/■] button once again.  
Recording stops.



## Recording Audio to USB Flash Drive

If you audio-record your performance, you'll be able to listen to it on your computer or audio player, use it to create a music CD, or publish it on the internet.



### Getting ready to record

#### 1. Connect your USB flash drive to the USB Memory port.

- \* Audio data can't be saved in the piano's internal memory.
- \* Never turn off the power or disconnect the USB flash drive while the screen indicates "Executing...".
- \* Never turn off the power or disconnect a USB flash drive or the power cord while the USB flash drive access indicator is blinking.

#### 2. Select the tone that you want to play.

#### 3. Hold down the [●] button and press the [-] [+] buttons to select "Audio".

#### MEMO

You can also specify this via the Function mode "Recording Mode" setting (p. 26).

#### 4. Press the [●] button.

The [●] button lights, the [▶/■] button blinks, and the piano enters record-standby mode.

If you decide to cancel recording, press the [●] button once again.

#### 5. You can sound the metronome if you like.

### Starting/stopping recording

#### 6. Press the [▶/■] button.

Recording starts, and the [●] button and [▶/■] button are lit. The performance is saved automatically.

#### NOTE

Never turn off the power or disconnect the USB flash drive during recording.

#### 7. To stop recording, press the [▶/■] button once again.

Recording stops.

- \* Never turn off the power or disconnect the USB flash drive while the screen indicates "Executing...".
- \* Never turn off the power or disconnect a USB flash drive or the power cord while the USB flash drive access indicator is blinking.

#### MEMO

- You can delete the song that you recorded (p. 15).
- You can rename the song that you recorded (p. 15).



# Creating Your Own Piano Tone (Piano Designer)

This piano lets you adjust various elements of the sound, so you can personalize the piano tone to your taste.

This function is called "Piano Designer".

### MEMO

The process of creating your own piano tone can also be done using touch operations on the dedicated app.



App "Piano Designer"



→ "Using the Piano with an App" (p. 21)

## Adjusting the Sound of the Overall Piano

1. Press the [X] button.
2. Press the [-] [+] buttons to access the screen of the item that you want to adjust.
3. Press the [OK] knob to confirm.
4. Press the [-] [+] buttons to select the value.
5. To exit the settings, press the [X] button.  
The [X] button goes dark.

Items	Value	Explanation
Master Tuning	415.3 Hz–466.2 Hz (default value: 442.0 Hz)	When playing in an ensemble with other instruments, you can adjust the reference pitch of this piano so that you will harmonize correctly with the other instruments. The reference pitch is usually expressed as the frequency that is heard when you play the middle A (A4) note. The action of matching the reference pitch to other instruments is called "tuning".
Temperament	You can play classical styles such as Baroque using historic temperaments (tuning methods). Most modern songs are composed for and played in equal temperament, the most common tuning in use today. But at one time, there were a wide variety of other tuning systems in existence. By playing in the temperament that was in use when a composition was created, you can experience the sonorities of chords originally intended for that song.	
	Equal (default setting)	This temperament divides the octave into twelve equal steps. It is the temperament that is most commonly used on today's pianos. Every interval has the same slight amount of dissonance.
	Just Major	In these temperaments, the primary triads are perfectly consonant. It is unsuited to playing melodies and cannot be transposed, but is capable of beautiful sonorities. The Just tunings differ from major and minor keys.
	Just Minor	
	Pythagorean	This tuning, devised by the philosopher Pythagoras, eliminates dissonance in fourths and fifths. Although triadic chords are slightly dissonant, this tuning is suitable for songs that have a simple melody.
	Kirnberger I	Kirnberger I. As in the Just temperaments, the primary triads are consonant in this tuning. Beautiful sonorities are obtained when playing songs that are written in keys appropriate for this tuning.
	Kirnberger II	Kirnberger II. This is a revision of Kirnberger I that reduces the limitations on the usable keys.
	Kirnberger III	Kirnberger III. This is an improvement of the Meantone and Just tunings that provides a high degree of freedom of modulation. Performances are possible in all keys. Since the resonance differs depending on the key, chords played in this temperament resonate in diverse ways when compared to equal temperament.
	Meantone	This temperament slightly narrows the fifth relative to Just temperaments. While the Just temperaments contains two types of whole tone (major whole tone and minor whole tone), meantone temperament uses only one type of whole tone (mean whole tone). Transposition within a limited range of keys is possible.
	Werckmeister	Werckmeister. This temperament consists of eight perfect fifths and four narrowed fifths. Performances are possible in all keys. Since the resonance differs depending on the key, chords played in this temperament resonate in diverse ways when compared to equal temperament.
Arabic	This tuning is suitable for the music of Arabia.	
Temperament key	C–B (default value: C)	This sets the primary key of the temperament. When playing with tuning other than equal temperament, you need to specify the temperament key for tuning the song to be performed (that is, the note that corresponds to C for a major key or to A for a minor key). If you choose an equal temperament, there's no need to select a temperament key.

## Editing the Grand Piano Tone

You can adjust various aspects of the grand piano's tone, including the string and pedal resonances, and the sound of the hammers striking the strings.

\* Only tones belonging to the "Grand" group can be adjusted.

1. Press the [✂] button.
2. Press the [-] [+] buttons to access the "Piano Tone Edit" screen.
3. Press the [↵] knob to confirm.
4. Press the [-] [+] buttons to access the screen of the item that you want to adjust.
5. Press the [↵] button to confirm, and press the [-] [+] buttons to select the value of the setting.
6. When you are finished editing the piano tone, press [↵] button.  
A confirmation message appears.



If you decide to cancel, press the [↵] button.

7. Press the [-] [+] buttons to select "Yes", and press the [↵] button to execute.

The Grand Piano tone settings are saved.

	Items	Value	Explanation
Piano Tone Edit	Lid	0-6 (default value: 4)	Adjusts the extent to which the top lid of the grand piano is open. The sound will become more mellow as you close the top lid of the piano in the screen. The sound will become brighter as you open the top lid of the piano in the screen.
	Key Off Noise	Off, 1-10 (default value: 3)	Adjusts the action noise that is heard when you release a key. Higher settings produce a louder action noise.
	Hammer Noise	-5-0-+5 (default value: 0)	Adjusts the sound produced when the hammer of an acoustic piano strikes the string. Higher settings will produce a louder sound of the hammer striking the string.
	Duplex Scale	Off, 1-10 (default value: 2)	Adjusts the sympathetic vibrations of an acoustic piano's Duplex Scale. Higher settings will make the sympathetic vibration louder. The Duplex Scale is a system of sympathetically vibrating strings sometimes included in grand pianos. These sympathetically vibrating strings are not struck directly with hammers, but sound by vibrating in sympathy with the vibrations of other strings. By resonating with the overtones, these strings add richness and brilliance to the sound. These sympathetic strings are added only to the high register above approximately C4. Since they do not have a damper (a mechanism that stops them from sounding), they will continue sounding even after you play a note and then release it to stop the sound of the string that was actually struck.
	Full Scale String Res.	Off, 1-10 (default value: 4)	Adjusts the resonant sound of an acoustic piano (the sound produced by the strings of previously-pressed keys vibrating in sympathy with newly played notes, or the sound of other strings vibrating in sympathy with the notes you play while pressing the damper pedal). Higher settings produce louder sympathetic resonance.
	Key Off Resonance	Off, 1-10 (default value: 3)	Adjusts the resonance of the subtle sounds that occur when a key of an acoustic piano is released. A higher value produces a larger tonal change during the decay.
	Cabinet Resonance	Off, 1-10 (default value: 4)	Adjusts the body resonance of the grand piano itself. Higher values will produce a larger body resonance.
	Soundboard Type	1-5 (default value: 1)	Selects how the soundboard of the acoustic piano will resonate. You can choose from five different types of resonance.
	Damper Modeling	Off, 1-10 (default value: 5)	Adjusts the damper noise of the acoustic piano sound (the sound of the damper releasing the strings when you press the damper pedal).
	Soft Pedal	1-10 (default value: 2)	Adjusts the depth of the effect that occurs when you press the soft pedal. With higher values, the change will be greater.
	Single Note Tuning (*)	-50.0-0-+50.0 (per key)	Adjusts the tuning of each individual key. For example, you can adjust the width of stretched tuning, which tunes the higher register slightly higher and the lower register slightly lower.
	Single Note Volume (*)	-50-0 (per key)	Adjusts the volume of each key. Lower settings decrease the volume.
	Single Note Character (*)	-5-0-+5 (per key)	Adjusts the tonal character of each key. Higher settings produce a harder sound, and lower settings produce a softer tone. * The result of this effect will differ depending on the pitch range.
	Reset Setting	Resets the "Piano Tone Edit" settings of the selected tone to their factory settings.	

### Single Note settings (\*)

1. Select the Single Note settings screen, and press the [↵] button to confirm.
2. Press the key on the keyboard that you want to select, and press the [-] [+] buttons to edit the value.

3. Press the [↵] button to exit the screen of that item.

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# Connecting the Piano and a Mobile Device via Bluetooth®



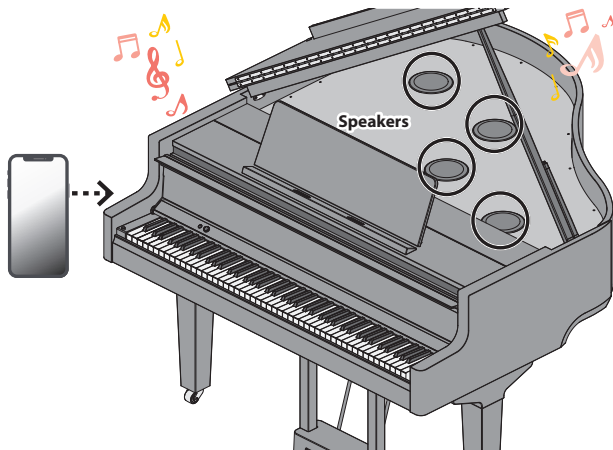
## Here's What You Can Do

**Bluetooth** functionality creates a wireless connection between a mobile device such as a smartphone or tablet (subsequently referred to as "mobile device") and the piano, letting you do the following.

### → Play Music Through the Piano's Speakers

page 20

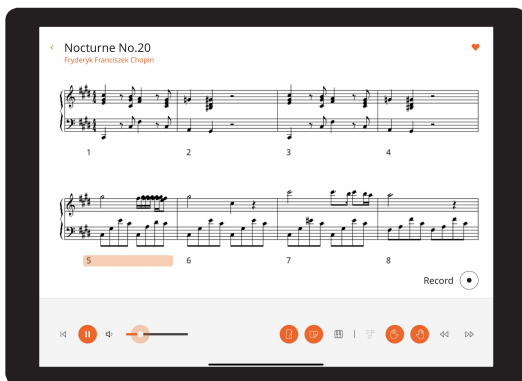
Music data stored on your mobile device can be played wirelessly through the piano's speakers.



### → Using the Piano with an App

page 21

Install the app ("Roland Piano App" by Roland) on your mobile device to exchange data with the piano.



App "Roland Piano App"

## Play Music Through the Piano's Speakers

Here's how to configure the settings so that music data saved on your mobile device can be played wirelessly through the piano's speakers.

- \* Once a mobile device has been paired with the piano, there is no need to pair again. Refer to "Connecting an Already-Paired Mobile Device" (p. 21).

## Initializing the Settings (Pairing)

This example shows how to configure the settings for iOS/iPadOS devices. If you are using an Android device, refer to the instructions for settings in the owner's manual that came with your mobile device.

1. Place the mobile device that you want to connect near the piano.
2. Press the [⚙️] button.  
The [⚙️] button is lit, and the piano is in function mode.
3. Press the [-] [+] buttons to access the "Bluetooth" screen, and press the [↵] button to confirm.

The following screen appears.



4. Press the [↵] knob to begin pairing.

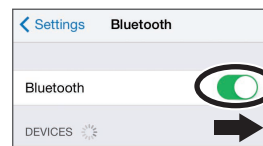


If you decide to cancel pairing, press the [↵] button.

### MEMO

Long-press the [⚙️] button to start pairing immediately.

5. Turn on the Bluetooth function of the mobile device.

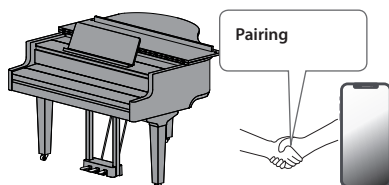


## Pairing

To use **Bluetooth**, you must first "pair" the piano with your mobile device to create a one-to-one connection between them.

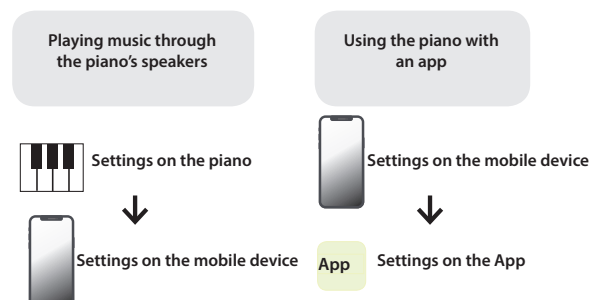
"Pairing" is the procedure of registering (mutually authenticating) your mobile device with the piano.

Pair the devices by following the steps shown for each function.



## The pairing process

Separate pairing is required for "playing music through the piano's speakers" and for "using the piano with an app". Note that these processes are different.



## 6. Tap “GP-9 Audio” that appears in the mobile device’s Bluetooth “DEVICES” field.

The piano and mobile device are paired. When pairing is completed, a display like the following appears.

Mobile device	“GP-9 Audio” is added in the “My Devices” field
Piano	The screen indicates “Completed”, and “AUDIO” is shown beside the <b>Bluetooth</b> symbol



## 7. Press the piano’s [G] button to exit function mode.

Pairing is complete.

## Playing back audio

When you play back music data on the mobile device, the sound is heard from the piano’s speakers.

### MEMO

To adjust the volume of the audio, make adjustments on your mobile device. If this does not produce the desired volume, you can adjust the piano’s settings.

→ “Adjusting the Volume of Bluetooth Audio (Bluetooth Volume)” (p. 25)

## Connecting an Already-Paired Mobile Device



### 1. Turn on the Bluetooth function of the mobile device.

The piano and mobile device are connected wirelessly.

- \* If the above step does not establish a connection, tap “GP-9 Audio” that is shown in the “DEVICES” field of the mobile device.

## Using the Piano with an App

### Apps You Can Use with This Piano

App name	Supported OS	Explanation
 Roland Piano App	iOS/iPadOS/ Android	This app lets you view sheet music in digital form, practice songs as if you were playing a game, or keep a record of your practicing.
 Piano Designer	iOS/iPadOS/ Android	This app lets you customize the piano sound to your taste. You can use the “Piano Designer” (p. 18) to adjust the various elements of the sound via touch-based editing within the app.

\* Apps can be downloaded from the App Store (iOS/iPadOS products) or from Google Play (Android products).

\* In addition to the above, you can also use music apps (such as Garage Band) that are compatible with **Bluetooth MIDI**.

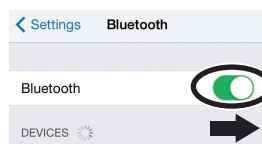
\* The information provided about apps made by Roland was current when this manual was published. For the latest information, refer to the Roland website.

## Making the Settings (Pairing)

You can make settings for using the piano together with an app that’s installed on your mobile device. This shows the steps for using the “Roland Piano App” with the iPad as an example.

- \* In the case of “using the piano with an app”, settings on the piano are not necessary. Perform operations in the app to pair it with the piano.

### 1. Turn on the Bluetooth function of the mobile device.

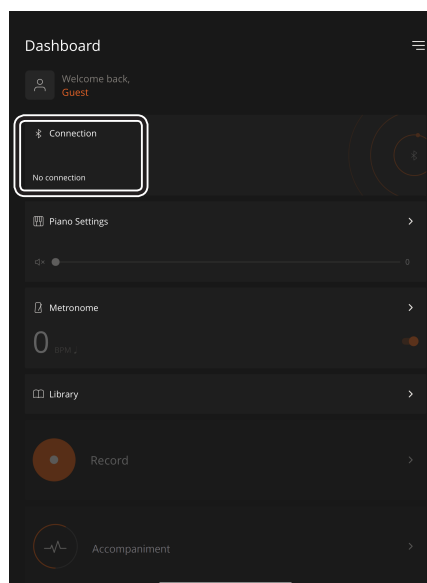


### NOTE

Even if the “DEVICES” field shows the name of the device you’re using (such as “GP-9 MIDI”), do not tap it.

### 2. Start the app that you installed on your mobile device.

### 3. Tap “Connection” at the top of the app screen, and tap “Connect to Piano”.




“GP-9 MIDI” is shown in the app screen.

### 4. Tap “GP-9 MIDI” (the name of the unit that you’re using).

The piano and mobile device are paired. When pairing is completed, a display like the following appears.

Mobile device	“GP-9 MIDI” is added in the “My Devices” field
Piano	The “MIDI” is shown beside the <b>Bluetooth</b> symbol



This completes the settings.

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## If Pairing Doesn't Work

If the pairing process shown in "Using the Piano with an App" (p. 21) is not successful, try steps 1–4 as shown below.

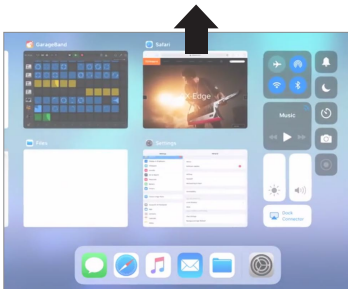
### 1 Make sure that the piano's Bluetooth function is "On"

1. Press the piano's [⚙️] button.  
The [⚙️] button is lit, and the piano is in function mode.
2. Press the [-] [+] buttons to access the "Bluetooth" screen, and press the [↵] knob to confirm.  
You enter the Bluetooth setting screen.
3. Press the [-] [+] buttons to access the "Bluetooth On/Off" screen, and press the [↵] button to confirm.
4. Press the [-] [+] buttons to select "On".  
The piano's Bluetooth function turns on.
5. Press the [⚙️] button.  
The [⚙️] button goes dark, and you exit function mode.

### 2 Exit all apps on your mobile device

#### Closing the app

1. Swipe up from the bottom of the home screen, stopping your finger around the middle of the screen. Next, swipe the app screen up.

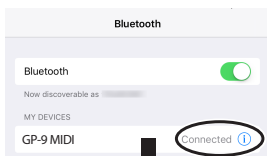


\* The method for closing apps may differ depending on your mobile device. Use the method that's appropriate for your device to close the apps.

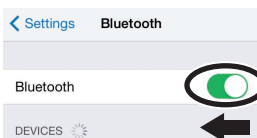
### 3 If already paired, cancel pairing, and turn off the Bluetooth function

#### Clearing the pairing

1. In the mobile device's screen, tap the "i" located beside "Connected", and tap "Forget This Device".



2. Turn the Bluetooth switch off.



### 4 Restart your mobile device

### 5 Perform the pairing procedure of p. 21 from step 1

#### MEMO

If you've checked these points and the problem still occurs, please refer to the Roland support website.

<https://www.roland.com/support/>

#### If you have more than one piano

When pairing with a mobile device in a situation where there are multiple pianos, such as in a music classroom, you can assign an ID to each piano.

#### Assigning an ID

When you make this setting, an ID number is added to the end of the device name that's shown on the mobile device. (such as "GP-9 Audio 1" "GP-9 MIDI 1")

1. Press the [⚙️] (Function) button.
2. Press the [-] [+] buttons to access the "Bluetooth" screen, and press the [↵] knob to confirm.
3. Press the [-] [+] buttons to select "Bluetooth ID".
4. Press the [↵] button to confirm, and press the [-] [+] buttons to change the number.

ID	Explanation
0-99	Set to "0": "GP-9 Audio" "GP-9 MIDI" (default setting) Set to "1": "GP-9 Audio 1" "GP-9 MIDI 1"

\* If you are pairing in an environment where there are multiple pianos, we recommend that you turn on the power of the mobile device and only those pianos that you want to pair (turn off the power of other devices).

# Convenient Functions

## Loading/Saving Your Favorite Settings and Piano Setups

You can save your favorite settings or the piano's setup to a USB flash drive, or load these settings that are saved to a USB flash drive into the piano.

\* Settings can be loaded only into another piano of the same model.

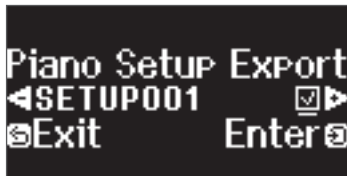
Piano settings that are saved

Setting	Page
Speaker volume	p. 8
Headphone volume	p. 8
Ambience Type	p. 9
Ambience Depth	p. 9
Key Touch	p. 11
Brilliance	p. 9
Master Tuning	p. 18
Temperament	p. 18
Temperament Key	p. 18
Hammer Response	p. 11
Piano Tone Edit	p. 19
Volume Limit	p. 27

\* For the favorite settings that are saved, refer to the list of favorite settings as shown in "Settings Saved Even If the Power Is Turned Off" (p. 3).

## Saving Your Favorite Settings and Piano Setups (Registration Export/Piano Setup Export)

1. Connect your USB flash drive to the USB Memory port.
2. Press the [⚙️] button.  
The [⚙️] button is lit, and the piano is in function mode.
3. Press the [-] [+] buttons to show either the "Registration Export" or "Piano Setup Export" screen, and then press the [↵] button to confirm.  
The Registration or Piano Setup Export screen appears.



4. Edit the name of the registration or the piano setup.

Select the character which you want to change	Press the [-] [+] buttons
Change the character	Press the [↵] button (confirm) → press the [-] [+] buttons (edit character) → press the [↵] button (back)
Insert one character	Press the [▶/■] button
Delete one character	Press the [●] button

5. Press the [-] [+] buttons to select ✓ on the right side of the screen, and press the [↵] button to execute.  
The settings are saved.

### NOTE

Never turn off the power, disconnect the USB flash drive or unplug the power cord while the screen indicates "Executing...".

6. Press the [⚙️] button to exit function mode.

The [⚙️] button goes dark.

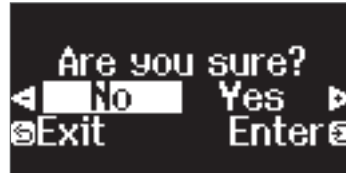
\* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the indicator of GP-9 shows that an operation is in progress.

## Loading Your Favorite Settings and Piano Setups (Registration Import/Piano Setup Import)

1. Connect your USB flash drive to the USB Memory port.
2. Press the [⚙️] button.  
The [⚙️] button is lit, and the piano is in function mode.
3. Press the [-] [+] buttons to show either the "Registration Import" or "Piano Setup Import" screen, and then press the [↵] button to confirm.  
The Registration or Piano Setup Import screen appears.



4. Press the [-] [+] buttons to select either Registration Import or Piano Setup Import.
5. Press the [↵] button to confirm.  
A confirmation message appears.



If you decide to cancel, press the [↵] button.

6. Press the [-] [+] buttons to select "Yes", and press the [↵] button to execute.  
This loads the settings.

### NOTE

Never turn off the power, disconnect the USB flash drive or unplug the power cord while the screen indicates "Executing...".

7. Press the [⚙️] button to exit function mode.

The [⚙️] button goes dark.

\* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the indicator of GP-9 shows that an operation is in progress.

\* When you load favorite settings (registration) for which the start-up settings have been changed, the unit switches to those settings right after the power is turned on.

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### Initializing the Memory (Format Media)

Here's how to erase all of the files that you saved in internal memory or on a USB flash drive (commercially available).

#### NOTE

- When you initialize, all registrations or files that you saved in internal memory or on a USB flash drive are lost.
- If you want settings other than the memory settings to be returned to their factory-set state, execute a Factory Reset (p. 24).

**1. If you want to initialize a USB flash drive, connect the USB flash drive to the USB Memory port.**

**2. Press the [⚙] button.**

The [⚙] button is lit, and the piano is in function mode.

**3. Press the [-] [+] buttons to access the "Format Media" screen, and then press the [↵] button to confirm.**

The Format Media screen appears.

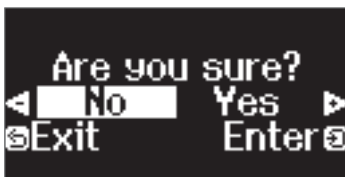


If you decide to cancel, press the [↵] button.

**4. Press the [-] [+] buttons to select the media (Internal Memory or USB Memory) that you want to format.**

**5. Press the [↵] button to confirm.**

A confirmation message appears.



If you decide to cancel, press the [↵] button.

**6. Press the [-] [+] buttons to select "Yes", and press the [↵] button to execute.**

This formats the media.

#### NOTE

Never turn off the power, disconnect the USB flash drive or unplug the power cord while the screen indicates "Executing...".

**7. Press the [⚙] button to exit function mode.**

The [⚙] button goes dark.

- \* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the indicator of GP-9 shows that an operation is in progress.

### Restoring the Factory Settings (Factory Reset)

Here's how to restore all registrations and internally saved settings to the factory-set condition. This function is called "Factory Reset".

#### NOTE

Factory Reset erases all settings that you have stored, and returns them to the factory-set condition. For details on the settings that are reset, refer to "Settings Saved Even If the Power Is Turned Off" (p. 3).

#### MEMO

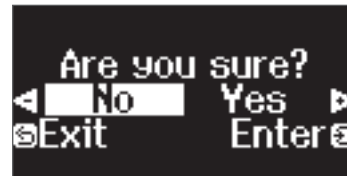
Executing this function does not erase the files in internal memory or on a USB flash drive (commercially available). If you want to erase all files from internal memory or from a USB flash drive, refer to ("Initializing the Memory (Format Media)" (p. 24)).

**1. Press the [⚙] button.**

The [⚙] button is lit, and the piano is in function mode.

**2. Press the [-] [+] buttons to access the "Factory Reset" screen, and then press the [↵] button.**

A confirmation message appears.



If you decide to cancel, press the [↵] button.

**3. Press the [-] [+] buttons to select "Yes", and press the [↵] button to execute.**

This performs the factory reset.

#### NOTE

Never turn off the power, disconnect the USB flash drive or unplug the power cord while the screen indicates "Executing...".

**4. When the display indicates "Power off, then on", turn the power off and then on again.**

- \* Never turn off the power, disconnect the USB flash drive or unplug the power cord while the indicator of GP-9 shows that an operation is in progress.



# Configuring the Various Settings

## Function Mode

### Basic Settings in Function Mode

1. Press the **[G]** button.  
The **[G]** button is lit, and the piano is in function mode.
2. Press the **[-]** **[+]** buttons to access the screen of the item you want to set.
3. Press the **[OK]** knob to confirm.  
\* Depending on the item you select, there might be another screen for selecting additional items.
4. Press the **[-]** **[+]** buttons to select the value.
5. Press the **[G]** button to exit function mode.  
The **[G]** button goes dark.

Indication	Value	Explanation
<b>Bluetooth-related settings</b>		
Bluetooth	Bluetooth On/Off	<p><b>Turning the Bluetooth Function On/Off (Bluetooth On/Off)</b></p> <p>If the <b>Bluetooth</b> function is on, you'll be able to wirelessly connect the piano and your mobile device, so that music played back from the mobile device can be heard through the piano's speakers, or so that you can use the piano with an app (p. 20).</p> <p>On, Off (default value: On)</p>
	Bluetooth Pairing	Perform the pairing to wirelessly connect the piano and mobile device for "Playing Music Through the Piano's Speakers" (p. 20).
	Bluetooth Volume	<p><b>Adjusting the Volume of Bluetooth Audio (Bluetooth Volume)</b></p> <p>This is the volume setting for playing music from your mobile device through the piano's speakers (p. 21).</p> <p>0-10 (default value: 4)</p>
	Bluetooth ID	<p>If you are using the <b>Bluetooth</b> function in a location where there are multiple pianos, you can assign a separate ID to each piano (p. 22).</p> <p>0-99 (default value: 0)</p>
<b>Song playback settings</b>		
Song Transpose		<p><b>Transposing the Pitch of the Song Playback (Song Transpose)</b></p> <p>You can transpose the song playback in semitone steps (p. 13).</p> <p>-12-0+12 (default value: 0)</p>
Song Volume SMF		<p><b>Adjusting the Song (SMF) Volume (Song Volume SMF)</b></p> <p>This setting adjusts the the volume of the song that is played back while you play the keyboard. This adjusts the volume of the song (SMF data) that is played back.</p> <p>0-10 (default value: 10)</p>
Song Volume Audio		<p><b>Adjusting the Song (Audio) Volume (Song Volume Audio)</b></p> <p>This setting adjusts the the volume of the song that is played back while you play the keyboard. This adjusts the volume of the song (audio data) that is played back.</p> <p>0-10 (default value: 7)</p>
Input Volume		<p><b>Adjusting the Volume of an Audio Playback Device (Input Volume)</b></p> <p>This setting adjusts the the volume of the song that is played back while you play the keyboard. You can adjust the volume of an audio playback device that's connected to the Input jacks.</p> <p>0-10 (default value: 7)</p>
USB Audio Input Vol.		<p><b>Adjusting the Volume from Your Computer (USB Audio Input Volume)</b></p> <p>When using a computer that's connected to the USB COMPUTER port to play back audio, adjust the volume using the computer.</p> <p>0-10 (default value: 7)</p>

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## Configuring the Various Settings

Indication	Value	Explanation
SMF Play Mode	<b>Specifying the Keyboard Tone for Song (SMF) Playback (SMF Play Mode)</b>	
	This setting specifies the tone that you play on the keyboard while a song is playing back. Normally you will use the "Auto-Select" setting. This determines whether the setting that is most suitable for the internal song or most suitable for external data is selected when you play back a song whose file format is SMF.	
	<b>MEMO</b> You can also switch the SMF Play Mode by holding down the [▶/■] button and pressing the [-] [+] buttons.	
	* If the SMF playback mode is set to "External" some effects are not applied to the sound, meaning that the tonal character might differ from when you usually play the keyboard.	
	<b>Auto-Select (default setting)</b>	Either "Internal" or "External" is selected automatically depending on the song that you play back.
<b>Internal</b>	When you play back a song, the tone that you play from the keyboard changes to the tone that is saved in the song. This is recommended when you play back an internal song or a song that you recorded on this piano.	
<b>External</b>	The tone that you play from the keyboard does not change when you play back a song. This is recommended when you play back external data such as commercially available music data.	
<b>Recording-related settings</b>		
Recording Mode	This piano lets you record in two different modes. You can choose whether to record as SMF or as audio.	
	<b>MEMO</b> You can also switch recording modes by holding down the [●] button and pressing the [-] [+] buttons.	
	<b>SMF (default setting)</b>	Your performance is recorded to "Internal Memory" and played back on the piano. You can overdub your left-hand performance onto your right-hand performance, and then listen to the playback of both hands together (p. 27).
<b>Audio</b>	Your performance is recorded to a USB flash drive as audio data. You can listen to your recorded piano performance on a computer or audio player, use it to create a CD, or publish it on the internet (p. 17).	
Delete Song	Deletes a song that was saved in the piano's internal memory or on a USB flash drive (p. 15).	
Rename Song	Renames a saved song (p. 15).	
Copy Song	Songs that have been saved in internal memory can be copied to USB flash drive. Alternatively, songs stored on a USB flash drive can be copied to internal memory (p. 15).	
Count-in Measure	You can change the number of measures that are sounded as a count before song playback or recording begins. <b>1 Measure, 2 Measures (default value: 1 Measure)</b>	
<b>Pedal-related settings</b>		
Damper Pedal Part	<b>Changing How the Pedal Effects Are Applied (Damper Pedal Part)</b>	
	When you depress the right pedal while the piano is in Dual Play or Split Play mode, the pedal effect is applied to both tones (p. 10). Use this setting to select the tone to which the effect is applied.	
	<b>Right &amp; Left (default setting)</b>	All enabled
	<b>Right</b>	Applied only to the Tone 1 (in dual mode)/Right-hand Tone (in split mode)
<b>Left</b>	Applied only to the Tone 2 (in dual mode)/Left-hand Tone (in split mode)	
Center Pedal	<b>Changing How the Pedals Work (Center Pedal)</b>	
	When you turn on the power, the center pedal functions as the sostenuto pedal (p. 8). You can change the function of the pedal to a variety of other operations. By assigning a function to the pedal, you can instantly change a setting by pressing the pedal while you perform.	
	<b>Sostenuto (default setting)</b>	The pedal functions as a sostenuto pedal.
	<b>Play / Stop</b>	The pedal has the same function as the [▶/■] button.
<b>Layer</b>	Pressing the pedal will layer on Tone 2, used for Dual Play. * This is available only when using Dual Play.	
Left Pedal	<b>Changing the Effect of the Pedal (Left Pedal)</b>	
	When you turn on the power, the left pedal functions as a soft pedal (p. 8). You can change the function of the pedal to a variety of other operations. By assigning a function to the pedal, you can instantly change a setting by pressing the pedal while you perform.	
	<b>Soft (default setting)</b>	The pedal functions as a soft pedal.
	<b>Play / Stop</b>	The pedal has the same function as the [▶/■] button.
<b>Layer</b>	Pressing the pedal will layer on Tone 2, used for Dual Play. * This is available only when using Dual Play.	

Indication	Value	Explanation
Reg. Pedal Shift	<b>Using the Pedal to Switch Between Registrations (Reg. Pedal Shift)</b>	
	You can use the pedal to switch between the registrations (p. 11). This lets you switch to the next registration by depressing the pedal. * The pedal function settings are prioritized as follows: "Reg. Pedal Shift" → "Center Pedal/Left Pedal".	
	<b>Off (default setting)</b>	The registration doesn't change when you depress the pedal.
	<b>Left Pedal</b>	The left pedal (soft pedal) is used to switch between registrations. When doing so, you can't use the Left Pedal settings when assigned.
	<b>Center Pedal</b>	The center pedal (sostenuto pedal) is used to switch between registrations. When doing so, you can't use the Center Pedal settings when assigned.
<b>MIDI-related settings</b>		
Local Control	<b>Preventing Doubled Notes When Connected to a Sequencer (Local Control)</b>	
	When you have a MIDI sequencer connected via USB, set this parameter to Local Off. Since most sequencers have their Thru function turned on, notes you play on the keyboard may be sounded in duplicate, or get dropped. To prevent this, you can enable the "Local Off" setting so that the keyboard and internal sound generator will be disconnected.	
	<b>On (default setting)</b>	Local Control is on. The keyboard is connected to the internal sound generator.
	<b>Off</b>	Local Control is off. The keyboard is disconnected from the internal sound generator. Playing the keyboard will not produce sound.
MIDI Transmit Ch.	<b>MIDI Transmit Channel Settings (MIDI Transmit Ch.)</b>	
	This setting specifies the MIDI channel on which the unit will transmit. This unit will receive all sixteen channels (1–16). <b>Off, 1–16 (default value: 1)</b>	
<b>Overall operation settings</b>		
Language	<b>Changing the Language Displayed in the Screen (Language)</b>	
	You can change the language that is displayed in the screen. <b>English, Japanese, Chinese (default value: English)</b>	
Display Contrast	<b>Adjusting the Brightness of the Display (Display Contrast)</b>	
	You can adjust the brightness of the piano's display. <b>1–10 (default value: 5)</b>	
Screen Saver	<b>Specifying the Time Until the Operating Panel Is Dimmed (Screen Saver)</b>	
	If no operations are performed for a specific length of time, the operating panel's button LEDs and display are dimmed. You can specify the time until they are dimmed. <b>Off, 30 sec., 1 min., 5 min., 10 min. (default value: off)</b>	
Touch Click Volume	<b>Setting the Operating Panel Click Sound (Touch Click Volume)</b>	
	You can adjust the click sound that's heard when you touch the buttons on the operating panel. <b>Off, 1–10 (default value: 5)</b>	
Volume Limit	<b>Specifying a Maximum Volume (Volume Limit)</b>	
	You can specify a maximum volume value. This lets you prevent loud sound from being produced unintentionally. <b>20, 40, 60, 80, 100 (maximum) (default value: 100)</b>	
Haptic Key Vibration	<b>Adjusting the Haptic Key Vibration (Haptic Key Vibration)</b>	
	When a tone in the "Grand" group is selected, this simulates the way in which the keyboard vibrates when you play an acoustic piano. If headphones are connected, this function turns off. If you want the haptic key vibration characteristic of an acoustic piano to be added even when using headphones, set "Effect When Headphones Plugged" to "Effective". * When you switch the effect to "Effective" while using headphones, the haptic key vibration generator produces a slight sound resembling that of a real piano, even when you're listening to your playing via headphones.	
	<b>Vibration Level</b>	Off, Small, Standard, Large, Extra Large (default value: Standard)
	<b>Effect When Headphones Plugged</b>	Ineffective, Effective (default value: Ineffective)
Auto-Power Off When Keyboard Cover is Closed	<b>Turning Off the Power When You Close the Keyboard Cover (Power Off by the Lid)</b>	
	You can choose whether the power turns off when you close the keyboard cover.	
	<b>Effective (default setting)</b>	The power turns off when you close the keyboard cover.
	<b>Ineffective</b>	The power does not turn off when you close the keyboard cover. To turn off the power, press the [⏻] button. * If Auto Off is specified, the power automatically turns off when a certain length of time has elapsed after you stop playing or operating the instrument.

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## Configuring the Various Settings

Indication	Value	Explanation
Speaker Auto Mute	<b>Outputting Sound from Both Headphones and the Built-in Speakers (Speaker Auto Mute)</b>	
	By factory default, the built-in speakers are set not to make sound when you connect a pair of headphones into the Phones jack. By changing the settings, you can make sound come from both the headphones and the built-in speakers. * Changing the setting to "Off" also changes the tonal character of the sound you hear in your headphones.	
	Off	Sound comes from both headphones and built-in speakers.
	On (default setting)	Sound comes only from headphones.
Auto Off	<b>Making the Power Automatically Turn off After a Time (Auto Off)</b>	
	With the factory settings, the unit's power automatically switches off after you stop playing or operating the unit for the amount of time you set. (This is the factory default setting.) If you don't want the power to turn off automatically, change the "Auto Off" setting to "Off".	
	Off, 10 min., 30 min., 240 min. (default value: 30 min.)	
Registration Export	You can save your favorite settings or the piano's setup to a USB flash drive, or load these settings that are saved to a USB flash drive into the piano (p. 23). * Settings can be loaded only into another piano of the same model.	
Registration Import		
Piano Setup Export		
Piano Setup Import		
Format Media	All files saved in the piano's internal memory or on a USB flash drive (commercially available) can be deleted (p. 24).	
Factory Reset	Here's how to restore all registrations and internally saved settings to the factory-set condition (p. 24).	
Version	Displays the version of the unit's system program. If a new system program becomes available, it can be used to update your piano. For details, refer to the following URL. <b><a href="http://www.roland.com/support/">http://www.roland.com/support/</a></b> Enter the model name → refer to "Updater and Driver"	

## Keyboard Mode

### Basic Settings in Keyboard Mode

1. Press the **[KBD]** button.  
The **[KBD]** button is lit, and the piano is in keyboard mode.
2. Press the **[-]** **[+]** buttons to access the screen of the item you want to set.
3. Press the **[OK]** knob to confirm.
4. Press the **[-]** **[+]** buttons to select the value.
5. Press the **[KBD]** button to exit keyboard mode.  
The **[KBD]** button goes dark.

Indication	Value	Explanation		
<b>Keyboard-related settings</b>				
Keyboard Mode	Whole	The same keyboard setting as a conventional acoustic piano.		
	Split	<b>Playing Different Tones with the Left and Right Hand (Split Play)</b> You can perform using different tones in the left and right regions of the keyboard, divided at a specific note. This function is called "Split Play" (p. 9).		
		Point	Select the location (key) where the sound changes as you go from lower notes to higher notes. * The key (split point) that you choose is included in the left-side key range.	
		Balance	Selects the volume balance between the left-side and right-side tones.	
		Left Shift	Shifts the pitch of the notes you play in the left hand, up or down in octaves.	
		Right Shift	Shifts the pitch of the notes you play in the right hand, up or down in octaves.	
	Dual	<b>Layering Two Tones (Dual Play)</b> You can play two tones simultaneously from a single key. This function is called "Dual Play" (p. 10).		
		Balance	Changing the volume balance of the two tones	
		Tone1 Shift	Shifts the pitch of tone 1, up or down in octaves.	
		Tone2 Shift	Shifts the pitch of tone 2, up or down in octaves.	
	Twin Piano	<b>Dividing the Keyboard for Two People (Twin Piano)</b> You can divide the keyboard into left and right areas so that two people can play the same range of pitches. One person can play a model performance, and the other person can practice along with that model performance. You can also change the way (Mode) in which notes are sounded in Twin Piano. * If you select a tone from the "Grand" group, it sounds different than usual.		
		Twin Piano Mode	Pair (default setting)	Notes played in the right zone are louder in the right speaker; notes played in the left zone are louder in the left speaker.
			Individual	Notes played in the right area are heard only from the right speaker; notes played in the left area are heard only from the left speaker. When using headphones, you won't be able to hear the other person's playing.
	Kbd Transpose	The keyboard can be transposed in semitone steps. When accompanying a vocal, or when performing as a singer-instrumentalist, you can transpose the pitch to match the singer's pitch range without changing the fingering of your keyboard playing. -6-0+5 (default value: 0)		
	Key Touch	You can change the playing feel (touch) of the keyboard. The default value of 50 provides a key touch that is closest to that of an acoustic piano. Higher settings make the keyboard feel heavier. With the "Fix", notes sound at a fixed volume regardless of how strongly you play the keyboard. Fix, 1-100 (default value: 50)		
Hammer Response	Adjusts the time from when you play the key until the piano sound is heard. Higher values produce a greater delay. Off, 1-10 (default value: 1)			

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# Troubleshooting

Problem	Items to check	Cause/Action	Page
<b>Problems with the piano's sound</b>			
No sound	Is the volume turned down?	Raise the volume.	p. 8
	Could headphones or an adaptor plug be inserted in the Phones jack?	If headphones or an adaptor plug are inserted in the headphones jack, sound is not output from the speakers.	–
	If you want sound to be produced from headphones or external speakers, is the device connected correctly?		p. 5
	Could the "Local Control" setting be turned "Off"?	In function mode, turn the "Local Control" setting "On".	p. 27
Pitch of the keyboard or song is incorrect	Could you have made Transpose settings?	Disable the transpose features in the "Kbd Transpose" and "Song Transpose" settings of Function mode.	p. 11, p. 25
	Is the Master Tune setting appropriate?	When shipped from the factory, the reference pitch is set to "442.0 Hz". Check the "Master Tuning" setting of the Piano Designer function.	p. 18
	Is the setting for the Temperament correct?	When shipped from the factory, the tuning is set to "Equal temperament". Check the "Temperament" setting of the Piano Designer function.	p. 18
	Is the Single Note Tuning setting appropriate?	Check the Piano Designer function's "Single Note settings".	p. 19
Sounds are heard twice (doubled) when the keyboard is played	Could "Dual Play" be specified, so that two tones are layered?	Select "Keyboard Mode" in Function mode, and change "Dual" to "Whole".	p. 29
	Could the piano be connected to an external sequencer?	If you don't want the piano to be played from another sound module, set your music production software's "soft thru" setting to "Off". If the function mode "Local Control" setting is "On", turn the "Local Control" setting "Off".	– p. 27
Reverberation remains even if you defeat the Ambience effect	This simulates the depth and ambience of the acoustic piano's sound, and is not a malfunction. Even if the Ambience effect is off, the acoustic piano's own resonance remains.	You can also reduce the resonance by lowering the "Cabinet Resonance" value of the Piano Designer function.	p. 19
The sound of the higher notes suddenly changes from a certain key	This simulates the characteristics of an acoustic piano, and is not a malfunction. The sound will change where there is a change in the number of strings per key or a transition from wound strings to unwound strings.		–
When you press a key, the sound of a note you didn't press is also faintly heard	In some cases, a note you play might cause a different note (whose frequency is an integer multiple of the first note) to resonate, producing the sensation that the sound has changed; this is not a malfunction.	Lower the Piano Designer's "Full Scale String Res." value, or turn it off.	p. 19
A buzz or vibration occurs when you play the keyboard	This feature simulates the vibration that occurs when you play the keyboard of an acoustic piano; it is not a malfunction.	You can eliminate the keyboard vibration by turning the "Haptic Key Vibration" setting off in function mode.	p. 27
High-pitched ringing is heard	<b>If you don't hear it through headphones:</b> It may be that the piano has malfunctioned. Contact either the dealer where you purchased your instrument, or Roland Support. <b>If you also hear it through headphones:</b> To decrease the metallic ringing, adjust the following settings. <ul style="list-style-type: none"> <li>• Ambience Depth (p. 9)</li> <li>• Piano Designer "Full Scale String Res." (p. 19)</li> </ul>		–
Low notes sound wrong, or are buzzy	Could the volume be set to maximum?	If the volume is at the maximum, the sound might be distorted depending on how you play the piano. If this occurs, lower the volume.	p. 8
	<b>If you also hear it through headphones:</b> It may be that the piano has malfunctioned. Contact either the dealer where you purchased your instrument, or Roland Support. <b>If you don't hear it through headphones:</b> Objects near the piano are resonating because of the high volume of sound coming from the speakers. You can take the following measures to minimize resonances. <ul style="list-style-type: none"> <li>• Keep the volume down.</li> <li>• Locate the speakers 10–15 cm (4–6 inch) away from walls or other surfaces.</li> <li>• Move away from the objects that are resonating.</li> </ul>		–
Noise is sometimes heard when you change the master tuning or temperament while piano sound is being produced	Due to how the sound engine is structured, you might hear noise with grand piano tones if you change the master tuning or temperament while sound is being produced. This is not a malfunction.		–
The sound is heard differently depending on the tone settings	When using "Dual play" which layers two tones, or "Split play" which produces different tones in the left-hand and right-hand, the sound might be heard differently depending on the specific combination. For some combinations, the effect is not applied to the left-hand tone or to tone 2, but this is not a malfunction.		–

Problem	Items to check	Cause/Action	Page
<b>Problems with the pedals</b>			
Pedal does not work, or is "stuck"	Is the pedal connected correctly?	Check the pedal jack located on the back of the piano.	p. 5
	Could you have disconnected or connected the pedal cord while the power was on?	If you disconnect the pedal cord while the piano is powered-on, the pedal effect might remain applied. Connect or disconnect the pedal cord while the piano is powered off.	-
	Could you have changed the way in which the pedal effect is applied?	If the right pedal part is set to "Right" it applies only to the right-hand tone; if set to "Left", it applies only to the left-hand tone.	p. 26
	Could Twin Piano be turned on?	If Twin Piano is on, the right pedal will affect only the right-hand keyboard zone and the left pedal will affect only the left-hand keyboard zone.	p. 29
	Could you have changed the function of the pedal?	If the function of the sostenuto pedal (center pedal) or the soft pedal (left pedal) have been changed, they will not operate as the sostenuto pedal or the soft pedal. Restore the settings of the "Center Pedal" and "Left Pedal".	p. 26
	Are you operating the pedals correctly?	Check whether the operations are correct.	p. 8
<b>Problems with song playback</b>			
Only the sound of a particular instrument in a song does not play	When you press the [🎹/🎸] button, are there parts (Right, Left, Accomp) that are unlit in the screen?	Parts that are not shown in the screen do not sound. Select an unlit part to highlight it so that it produces sound.	p. 13
Song volume is inaudible or too low	Could the song volume be set too low?	Depending on the data format of the song, raise the "Song Volume SMF" or "Song Volume Audio" value.	p. 25
Changing the "Song Volume" does not change the volume.	Could the SMF Play Mode be set to "Internal"?	Set the SMF Play Mode to "External".	p. 26
The selected sound changes when you play back a song	Could the SMF Play Mode be set to "Internal"?	Set the SMF Play Mode to "External".	p. 26
Can't play back a song saved in USB flash drive	Is the file extension ".WAV" or ".MP3" or ".MID"?	This piano can play back three types of file: WAVE format or MP3 format audio files, and MIDI files.	p. 13
Names of songs saved on the USB flash drive do not appear in the screen	Is the file extension ".MID"? Could the song name information in the file be blank or consist only of spaces?	Song names can be shown in the screen only for files that have a ".MID" extension. If the song name information in the file is blank or consists only of spaces, the song name is not shown in the piano screen.	p. 13
<b>Problems with recording</b>			
Can't record	When you press the [🎹/🎸] button, is the part to be recorded blinking in the screen?	Select the part in the screen that you want to record, so that it blinks.	p. 16
Can't record audio	Is a USB flash drive connected to the USB Memory port?	Audio recording cannot be performed unless a USB flash drive is connected.	p. 17
Volume differs between recording and playback	Could the song volume be set too low?	Depending on the data format of the song, raise the "Song Volume SMF" or "Song Volume Audio" value.	p. 25
The tonal character of the piano changes when you record	Could you be recording with a tone that you created in Piano Designer?	Some of the Piano Designer settings might not be reproduced when you play back a song.	-
	Could you be playing back a song that you audio-recorded to an USB flash drive?	If you want to record with the same tonal character as when you play the keyboard, record your performance as SMF.	-
<b>Other problems</b>			
Even though you're using headphones to mute the sound, a thumping sound is heard when you play the keyboard	The keyboard of this piano is designed to simulate the mechanism of an acoustic piano. Even on an acoustic piano, a thumping sound is actually being produced when you press a key. Such sounds do not indicate a malfunction.		-
Marks appear on the cloth portion of the piano	If your hands or feet, or other objects, touch the cloth portion located around the music rest or near your feet, the cloth might be wrinkled, causing it to appear marred or discolored, but this does not affect the performance of the unit.		-
Power turns off on its own	Could you have made settings so that the power automatically turns off when the piano has not been used for a time?	If you don't need the power to turn off automatically, turn the Auto Off setting "Off".	p. 28
Power does not turn on	Is the power cord connected correctly?		p. 5
The buttons of the operating panel do not work	Could you have enabled the "Panel Lock" setting to prevent inadvertent operation?	Disengage the "Panel Lock" setting.	p. 3
	Is the panel wet?	Thoroughly wipe off any moisture on the panel before using this instrument.	p. 7
	Did you come into contact with the touch switches when you turned on the power?	Try turning the power off and then on again.	p. 7
The volume level of the unit connected to Input jack is too low	Could the volume of the connected device be turned down?		-
	Is the input volume too low?		p. 25

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# 🎵 Error Messages

Indication	Meaning
Error 2	An error occurred during writing. The USB flash drive may be corrupted. Insert other USB flash drive and try again. Alternatively, you can initialize the USB flash drive ("Initializing the Memory (Format Media)" (p. 24)).
	The internal memory might be damaged. Format the internal memory ("Initializing the Memory (Format Media)" (p. 24)).
Error 10	No USB flash drive is inserted. Insert the USB flash drive and try again.
	The internal memory might be damaged. Format the internal memory ("Initializing the Memory (Format Media)" (p. 24)).
Error 11	There is not sufficient free memory in the save destination. Either insert other USB flash drive or delete unneeded files and try again ("Deleting a Saved Song" (p. 15)).
	An error occurred during reading. The USB flash drive may be corrupted. Insert other USB flash drive and try again. Alternatively, you can initialize the USB flash drive ("Initializing the Memory (Format Media)" (p. 24)).
Error 14	The internal memory might be damaged. Format the internal memory ("Initializing the Memory (Format Media)" (p. 24)).
	The file is unreadable. The data format is not compatible with the unit.
Error 15	This audio format is not supported. Use an WAV format (44.1 kHz, 16-bit linear) or MP3 format audio file.
Error 18	Internal memory capacity of the unit is full.
Error 30	The unit cannot deal with the excessive MIDI data sent from the external MIDI device. Reduce the amount of MIDI data sent to the unit.
Error 40	A MIDI transmission error has occurred. Check the connected MIDI device.
	There may be a problem with the system. Repeat the procedure from the beginning. If this message still displays after you have tried several times, contact Roland as shown below.
Error 43	The USB Memory port was subjected to excessive current. Make sure that there is no problem with the USB flash drive, then turn the power off, then on again.



## Roland Service Centers and Distributors

When you need repair service, access this URL and find your nearest Roland Service Center or authorized Roland distributor in your country.

<https://roland.cm/service>





# Tone List

## Grand

No.	Tone Name
1	Concert Piano
2	Stage Piano
3	Mellow Piano
4	Bright Piano

### MEMO

You can adjust the "Ambience Type" and the Piano Designer "Piano Tone settings" for only the tones in the "Grand" group.

## Upright/Classical

No.	Tone Name
<b>Upright</b>	
1	Upright Piano
2	Mellow Upright
3	Bright Upright
4	Rock Piano
5	Ragtime Piano
<b>Classical</b>	
6	Fortepiano
7	Mellow Forte
8	Bright Forte
9	Harpsichord
10	Harpsi 8'+4'

## E.Piano/Organ

No.	Tone Name
<b>E.Piano</b>	
1	1976SuitCase
2	Tremolo EP
3	Pop EP
4	Vintage EP
5	Stage Phaser
6	60's EP
7	FM E.Piano
8	EP Belle
9	70's EP
10	E.Grand
11	Magical Piano
12	Clav.
<b>Organ</b>	
13	Pipe Organ
14	Nason Flt 8'
15	ChurchOrgan1
16	ChurchOrgan2
17	Combo Jz.Org
18	Ballad Organ
19	Gospel Spin
20	Full Stops
21	Mellow Bars
22	Light Organ
23	Lower Organ
24	60's Organ

## Others

No.	Tone Name
<b>Strings</b>	
1	SymphonicStr1
2	Epic Strings
3	Rich Strings
4	Velo Strings
5	SymphonicStr2
6	Violin
7	Cello
8	Orchestra Str
9	Orchestra
10	OrchestraBrs
11	Soft Pad
12	Chamber Winds
13	Flute
14	Harp
15	Pizzicato Str
16	A.Bass+Cymb
<b>Voice</b>	
17	Jazz Scat
<b>Do Re Mi</b>	
18	Do Re Mi 2 <sup>♯</sup>
19	Do Re Mi 2 <sup>♭</sup>
20	Do Re Mi 1 <sup>♯</sup>
21	Do Re Mi 1 <sup>♭</sup>
<b>Drums</b>	
22	STANDARD Set
23	ROOM Set
24	POWER Set
25	ELEC.Set
26	ANALOG Set
27	JAZZ Set
28	BRUSH Set
29	ORCH.Set
30	SFX Set
<b>GM2</b>	
31	Piano 1
32	Piano 1w
33	Piano 1d
34	Piano 2
35	Piano 2w
36	Piano 3
37	Piano 3w
38	Honky-tonk
39	Honky-tonk w
40	E.Piano 1
41	Detuned EP 1
42	Vintage EP
43	60's E.Piano
44	E.Piano 2
45	Detuned EP 2
46	St.FM EP
47	EP Legend
48	EP Phaser
49	Harpsi.
50	Coupled Hps.

No.	Tone Name
51	Harpsi.w
52	Harpsi.o
53	Clav.
54	Pulse Clav.
55	Celesta
56	Glockenspiel
57	Music Box
58	Vibraphone
59	Vibraphone w
60	Marimba
61	Marimba w
62	Xylophone
63	TubularBells
64	Church Bell
65	Carillon
66	Santur
67	Organ 1
68	TremoloOrgan
69	60's Organ
70	Organ 2
71	Perc.Organ 1
72	Chorus Organ
73	Perc.Organ 2
74	Rock Organ
75	Church Org.1
76	Church Org.2
77	Church Org.3
78	Reed Organ
79	Puff Organ
80	Accordion 1
81	Accordion 2
82	Harmonica
83	Bandoneon
84	Nylon-str.Gt
85	Ukulele
86	Nylon Gt o
87	Nylon Gt 2
88	Steel-str.Gt
89	12-str.Gt
90	Mandolin
91	Steel+Body
92	Jazz Guitar
93	Hawaiian Gt
94	Clean Guitar
95	Chorus Gt 1
96	Mid Tone Gt
97	Muted Guitar
98	Funk Guitar1
99	Funk Guitar2
100	Chorus Gt 2
101	Overdrive Gt
102	Guitar Pinch
103	DistortionGt
104	Gt Feedback1
105	Dist.Rhy Gt
106	Gt Harmonics
107	Gt Feedback2
108	AcousticBass
109	FingeredBass
110	Finger Slap
111	Picked Bass
112	FretlessBass
113	Slap Bass 1
114	Slap Bass 2
115	Synth Bass 1
116	WarmSyn.Bass
117	Synth Bass 3
118	Clav.Bass
119	Hammer Bass
120	Synth Bass 2
121	Synth Bass 4
122	RubberSyn.Bs
123	Attack Pulse
124	Violin
125	Slow Violin
126	Viola
127	Cello
128	Contrabass
129	Tremolo Str.
130	PizzicatoStr
131	Harp
132	Yang Qin
133	Timpani
134	Strings
135	Orchestra
136	60's Strings
137	Slow Strings

No.	Tone Name
138	Syn.Strings1
139	Syn.Strings3
140	Syn.Strings2
141	Choir 1
142	Choir 2
143	Voice
144	Humming
145	Synth Voice
146	Analog Voice
147	OrchestraHit
148	Bass Hit
149	6th Hit
150	Euro Hit
151	Trumpet
152	Dark Trumpet
153	Trombone 1
154	Trombone 2
155	Bright Tb
156	Tuba
157	MuteTrumpet1
158	MuteTrumpet2
159	French Horn1
160	French Horn2
161	Brass 1
162	Brass 2
163	Synth Brass1
164	Synth Brass3
165	AnalogBrass1
166	Jump Brass
167	Synth Brass2
168	Synth Brass4
169	AnalogBrass2
170	Soprano Sax
171	Alto Sax
172	Tenor Sax
173	Baritone Sax
174	Oboe
175	English Horn
176	Bassoon
177	Clarinet
178	Piccolo
179	Flute
180	Recorder
181	Pan Flute
182	Bottle Blow
183	Shakuhachi
184	Whistle
185	Ocarina
186	Square Lead1
187	Square Lead2
188	Sine Lead
189	Saw Lead 1
190	Saw Lead 2
191	Doctor Solo
192	Natural Lead
193	SequencedSaw
194	Syn.Calliope
195	Chiffer Lead
196	Charang
197	Wire Lead
198	Solo Vox
199	5th Saw Lead
200	Bass+Lead
201	Delayed Lead
202	Fantasia
203	Warm Pad
204	Sine Pad
205	Polysynth
206	Space Voice
207	Itopia
208	Bowed Glass
209	Metallic Pad
210	Halo Pad
211	Sweep Pad
212	Ice Rain
213	Soundtrack
214	Crystal
215	Synth Mallet
216	Atmosphere
217	Brightness
218	Goblins
219	Echo Drops
220	Echo Bell
221	Echo Pan
222	Star Theme
223	Sitar 1
224	Sitar 2

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## Tone List

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No.	Tone Name
225	Banjo
226	Shamisen
227	Koto
228	Taisho Koto
229	Kalimba
230	Bagpipe
231	Fiddle
232	Shanai
233	Tinkle Bell
234	Agogo
235	Steel Drums
236	Woodblock
237	Castanets
238	Taiko
239	Concert BD
240	Melodic Tom1
241	Melodic Tom2
242	Synth Drum
243	TR-808 Tom
244	Elec.Perc.
245	Reverse Cym.
246	Gt FretNoise
247	Gt Cut Noise
248	BsStringSlap
249	Breath Noise
250	Fl.Key Click
251	Seashore
252	Rain
253	Thunder
254	Wind
255	Stream
256	Bubble
257	Bird 1
258	Dog
259	Horse Gallop
260	Bird 2
261	Telephone 1
262	Telephone 2
263	DoorCreaking
264	Door
265	Scratch
266	Wind Chimes
267	Helicopter
268	Car Engine
269	Car Stop
270	Car Pass
271	Car Crash
272	Siren
273	Train
274	Jetplane
275	Starship
276	Burst Noise
277	Applause
278	Laughing
279	Screaming
280	Punch
281	Heart Beat
282	Footsteps
283	Gun Shot
284	Machine Gun
285	Laser Gun
286	Explosion

# Internal Song List

No.	Song Name	Composer
<b>Listening</b>		
1	Ballade No.1	Fryderyk Franciszek Chopin
2	Aufschwung	Robert Alexander Schumann
3	"Ah, vous dirai-je, Maman"	Wolfgang Amadeus Mozart
4	An die Freude (Jazz Arrangement)	Ludwig van Beethoven
5	Jupiter from The Planets (Jazz Arrangement)	Gustav Holst
6	Nocturne, op.9-2	Fryderyk Franciszek Chopin
7	Jeux d'eau	Maurice Ravel
8	Amazing Grace	Hymn
9	Für Elise (Jazz Arrangement)	Ludwig van Beethoven
10	Sonate für Klavier Nr.14 1	Ludwig van Beethoven
11	Sonate für Klavier Nr.14 2	Ludwig van Beethoven
12	Sonate für Klavier Nr.14 3	Ludwig van Beethoven
13	Widmung S.566 R.253	"Robert Alexander Schumann Arranged by Franz Liszt"
14	Étude, op.10-12	Fryderyk Franciszek Chopin
15	Barcarolle	Fryderyk Franciszek Chopin
16	Zhavoronok	Mikhail Ivanovich Glinka, Arranged by Mily Alexeyevich Balakirev
17	Sonate für Klavier Nr.23 1	Ludwig van Beethoven
18	Sonate für Klavier Nr.23 2	Ludwig van Beethoven
19	Sonate für Klavier Nr.23 3	Ludwig van Beethoven
20	Valse, op.34-1	Fryderyk Franciszek Chopin
21	Polonaise op.53	Fryderyk Franciszek Chopin
22	Nocturne No.20	Fryderyk Franciszek Chopin
23	Die Forelle	Franz Peter Schubert, Arranged by Franz Liszt
24	Reflets dans l'Eau	Claude Achille Debussy
25	La Fille aux Cheveux de Lin	Claude Achille Debussy
26	La Campanella	Franz Liszt
27	Scherzo No.2	Fryderyk Franciszek Chopin
<b>Ensemble</b>		
*Songs corresponding to the included collection of scores, "Roland Piano Masterpieces".		
1	Piano Concerto No.1	Peter Ilyich Tchaikovsky
2	Piano Concerto No.2	Sergei Rachmaninoff
3	Canon (Jazz Arrangement)	Johann Pachelbel
4	Sicilienne (Jazz Arrangement)	Gabriel Fauré
5	Berceuse from Dolly Suite	Gabriel Fauré
6	Le jardin féerique from Ma mère l'Oye	Maurice Ravel
7	Le Quattro Stagioni "La Primavera"	Antonio Vivaldi
8	Marche Militaire Nr.1	Franz Peter Schubert
9	Waltz from the Sleeping Beauty	Peter Ilyich Tchaikovsky
10	L'Apprenti sorcier	Paul Dukas
11	Salut d'Amour	Edward Elgar
12	Pavane pour une infante défunte	Maurice Ravel
13	Menuett G Dur BWV Anh.114	Johann Sebastian Bach
14	Präludium C Dur BWV846	Johann Sebastian Bach
15	Türkischer Marsch	Wolfgang Amadeus Mozart
16	Für Elise	Ludwig van Beethoven
17	Türkischer Marsch	Ludwig van Beethoven
18	Auf Flügeln des Gesanges	Felix Mendelssohn
19	Étude, op.10-3	Fryderyk Franciszek Chopin
20	Valse, op.64-1	Fryderyk Franciszek Chopin
21	Fantaisie-Impromptu	Fryderyk Franciszek Chopin
22	Träumerei	Robert Alexander Schumann
23	Dolly's Dreaming Awakening	Theodor Oesten
24	Brautchor	Wilhelm Richard Wagner
25	Liebesträume Nr.3	Franz Liszt
26	Ungarische Tänze Nr.5	Johannes Brahms
27	Clair de Lune	Claude Achille Debussy
28	1ère Arabesque	Claude Achille Debussy
29	Golliwog's Cakewalk	Claude Achille Debussy
30	Je te veux	Erik Satie
<b>Entertainment</b>		
*Songs corresponding to the included collection of scores, "Roland Piano Masterpieces".		
1	Polovtsian Dances	Alexander Borodin
2	Ombra mai fù	George Frideric Handel
3	Lascia ch'io pianga	George Frideric Handel
4	Twinkle Twinkle Little Star	French Folk Song
5	Mary Had a Little Lamb	Traditional
6	Bear Song	American Folk Song
7	Ich Bin Ein Musikante	German Folk Song
8	Grand Father's Clock	Henry Work
9	Jingle Bells	James Pierpont
10	We Wish You a Merry Christmas	Carol
11	Silent Night	Franz Gruber
12	Amazing Grace	Hymn
13	Lavender's Blue	Traditional
14	Aura Lee	George R. Poulton
15	Auld Lang Syne	Traditional
16	Greensleeves	Traditional
17	Maple Leaf Rag	Scott Joplin
18	The Entertainer	Scott Joplin
19	When The Saints Go Marching In	Traditional
20	Little Brown Jug	Joseph Winner

No.	Song Name	Composer
<b>Do Re Mi Lesson</b>		
*Songs corresponding to the included collection of scores, "Roland Piano Masterpieces".		
1-15	Training No.1 - 15	Roland Corporation
16	Twinkle Twinkle Little Star	French Folk Song
17	Summ,Summ,Summ	Traditional
18	Frog Song	German Folk Song
19	The Cuckoo	Traditional
20	Oh! Susanna	Stephen Foster
21	Let's Clap Hands	Traditional
22	Das klinget so herrlich	Wolfgang Amadeus Mozart
23	Wiegenlied	Johannes Brahms
24	Les Patineurs	Émile Waldteufel
25	Minuet	Johann Sebastian Bach
26	Old Folks At Home	Stephen Foster
27	Deck the Halls	Carol
28	Danny Boy	Irish Song
29	Korobeiniki	Russian Folk Song
30	Sakura Sakura	Japanese Folk Song
<b>Scale</b>		
*Songs corresponding to the included collection of scores, "Roland Piano Masterpieces".		
1-36	Major Scales, Minor Scales	-
<b>Hanon</b>		
1-20	1-20	Charles-Louis Hanon
<b>Beyer</b>		
1-106	1-106	Ferdinand Beyer

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## Tone List

No.	Song Name	Composer
<b>Burgmüller</b>		
1	Openness	Johann Friedrich Franz Burgmüller
2	Arabesque	
3	Pastoral	
4	A Small Gathering	
5	Innocence	
6	Progress	
7	The Clear Stream	
8	Gracefulness	
9	The Hunt	
10	Tender Flower	
11	The Young Shepherdess	
12	Farewell	
13	Consolation	
14	Austrian Dance	
15	Ballad	
16	Sighing	
17	The Chatterbox	
18	Restlessness	
19	Ave Maria	
20	Tarantella	
21	Angelic Harmony	
22	Gondola Song	
23	The Return	
24	The Swallow	
25	The Knight Errant	
<b>Czerny 100</b>		
1-100	1-100	Carl Czerny




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- \* Songs marked by an asterisk (\*) are arranged by Roland Corporation. The copyrights to these songs are owned by the Roland Corporation.
- \* Songs in Listening category are piano solos. They have no accompaniment.
- \* Please purchase commercially available scores for Hanon–Czerny no. 100.
- \* The performance data for the tone demos and the internal songs is not transmitted from the USB Computer port or via **Bluetooth** (MIDI).
- \* If the SMF Play Mode is set to "Internal", there will be some parts whose volume does not change when you adjust the Song Volume SMF value. If the SMF Play Mode is set to "External", the volume of all parts will change.

## INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

### About ⚠ WARNING and ⚠ CAUTION Notices

 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 <b>CAUTION</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

### About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The ⚡ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The ⏻ symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

## ALWAYS OBSERVE THE FOLLOWING

### ⚠ WARNING

#### Make sure that the power cord is grounded

Connect mains plug of this model to a mains socket outlet with a protective earthing connection.



#### Concerning the Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 28).



#### Lock the casters

When installing the piano, be sure to fasten the casters using the supplied caster cups.



#### Use only the supplied AC adaptor and the correct voltage

Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.



#### Use only the supplied power cord

Use only the attached power cord. Also, the supplied power cord must not be used with any other device.



#### Use due care when handling the lid

- The lid should be opened and closed only by an adult.
- The lid must not be opened too far (we recommend that you do not open it by more than about 30 degrees). If opened to an extreme degree, you risk damaging the piano or having the lid fall unexpectedly. Also, when opening the lid, make sure that no one is in the way.



### ⚠ CAUTION

#### Lock all casters if mobility presents danger

In every situation where the unexpected movement of this unit could present a danger (such as when it's set up on a stage, or when it's being transported inside a vehicle), make sure to lock all the casters.



#### Cautions when moving this unit

If you need to move the instrument, take note of the precautions listed below. At least two persons are required to safely lift and move the unit. It should be handled carefully, all the while keeping it level. Make sure to have a firm grip, to protect yourself from injury and the instrument from damage.



- Close the lid.
- Fold down the music rest.
- Close the keyboard cover.
- Close the flap (p. 6)
- Check to make sure the screws securing the unit to the stand have not become loose. Fasten them again securely whenever you notice any loosening.
- Disconnect the power cord.
- Disconnect all cords coming from external devices.

#### Take care so as not to get fingers pinched

When handling the following moving parts, take care so as not to get fingers, etc., pinched. An adult should always be in charge of handling these items.



- Top lid (p. 6)
- Music rest (p. 6)
- Keyboard cover (p. 7)
- Top stick (p. 7)
- Pedals (p. 8)
- Flap (p. 6)

#### Keep small items out of the reach of children

To prevent accidental ingestion of the parts listed below, always keep them out of the reach of small children.



- Included Parts
- Screws

### ⚠ CAUTION

#### Use due care when handling the top lid and keyboard cover

- To prevent the lid from dropping, always make sure to lock the top stick in its receptacle. Also, make sure to keep supporting the top lid with your hands until the top stick is securely locked.
- When opening and closing the keyboard cover, use due caution so as not to get your fingers pinched. Whenever a child uses the unit, an adult should be on hand to provide guidance and supervision.
- Do not close the cover if there are any objects, such as sheet music, remaining on top of the keyboard.
- As a safety precaution, always make sure to lower the top lid and close the keyboard cover before moving the piano.



# IMPORTANT NOTES

## Placement

- Do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.

## Care of the Keyboard

- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.
- To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives. Start by wiping lightly. If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.

## Concerning the Care of the Unit (Mirror Finish)

- The surface of this unit has been polished so as to create a high-gloss, mirror-like finish. Since this beautiful finish is as delicate as that of the highest quality, wood-crafted furniture, it needs to be cared for at regular intervals. Please make sure to observe the following when caring for the unit.
  - For routine care, gently clean the surface using a soft cloth or a piano-use feather duster. You must avoid applying any force, since even the tiniest particles of sand or grit can produce scratches if you wipe too hard.
  - If the finish loses its luster, use a soft cloth dampened with some polishing liquid to evenly wipe the surface of the unit.
  - Avoid using detergents or other cleaners, as they can cause the surface finish to deteriorate. This may lead to the formation of cracks or other imperfections. Also, do not use chemically-enhanced cleaning cloths.
- Precautions concerning the use of polishing agents
  - Refer to the instructions that came with the polishing agent for instructions on its proper use.
  - Use only polishing agents that are designed specifically for use on the mirror finishes of pianos. By using any other product, you risk causing scratches, deformation, discoloration, etc. To purchase an appropriate product, please consult the nearest musical instrument store.
  - Use the product only on the portions of this unit that have a mirror-like finish, and using an even touch, apply it equally over the entire surface. If you apply more force in one place over another, you risk losing some of the luster of the finish.
  - Store in a location that is out of the reach of small children. If accidentally ingested, induce vomiting immediately. Then, see a doctor to obtain a diagnosis.

## Repairs and Data

- Before sending the unit away for repairs, be sure to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

## Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, be sure to write down the needed information.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Never strike or apply strong pressure to the display.
- The sound of keys being struck and vibrations produced by playing an instrument can be transmitted through a floor or wall to an unexpected extent. Please take care not to cause annoyance to others nearby.

- Do not apply undue force to the music rest while it is in use.
- Do not use connection cables that contain a built-in resistor.

## Using External Memories

- Please observe the following precautions when handling external memory devices. Also, make sure to carefully observe all the precautions that were supplied with the external memory device.
  - Do not remove the device while reading/writing is in progress.
  - To prevent damage from static electricity, discharge all static electricity from your person before handling the device.

## Caution Regarding Radio Frequency Emissions

- The following actions may subject you to penalty of law.
  - Disassembling or modifying this device.
  - Removing the certification label affixed to the back of this device.
  - Using this device in a country other than where it was purchased

## Intellectual Property Right

- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform or broadcast it without the permission of the copyright owner.
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